

## Rabbit anti-Rat Kallikrein 7 (KLK7) Polyclonal Antibody | anti-KLK7 antibody

Polyclonal Antibody to Kallikrein 7 (KLK7)

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                                   |
|-----------|--------|------------|----------------------------------------------------------------|
| AAA131007 | Rabbit | Rat        | Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry |

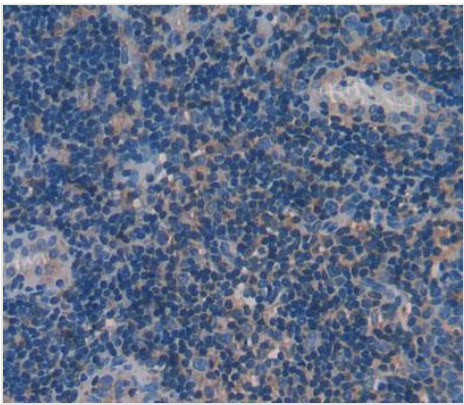
### PRODUCT SYNONYMS

Kallikrein 7 (KLK7); Polyclonal Antibody; Polyclonal Antibody to Kallikrein 7 (KLK7); anti-KLK7 antibody

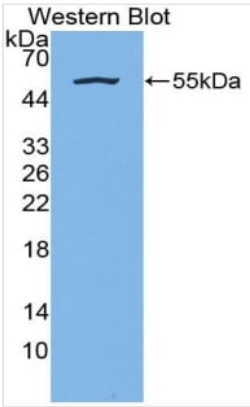
### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Reactivity                                     | Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Clonality                                      | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Specificity                                    | The antibody is a rabbit polyclonal antibody raised against KLK7. It has been selected for its ability to recognize KLK7 in immunohistochemical staining and western blotting.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Purity/Purification                            | Affinity Chromatography                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Form/Format                                    | Supplied as solution form in PBS, pH7.4, containing 0.02% Na <sub>3</sub> N, 50% glycerol.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Concentration                                  | 500ug/mL (varies by lot)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Sequence                                       | Antigen: The target protein is fused with a C-terminal tag. His-tag and its sequence is listed below.<br>MRNK KFELGLEFPN LPYYIDGDVK LTQSMALIRY IADKHNMLGG CPKERAISM LEGAVLDIRY GVSRIAYSKD<br>FETLKVDFLS KLPEMLKMF EDRCHKTYLN GDHVTHPDFM LYDALDVVLY MDPMLCLDAFP KLVCFFKRIE<br>AIPQIDKYLK SSKYIAWPLQ GWQATFGGGD HPPKSDGSTS GSGHHHHHHS AGLVPRGSTA IGMKETAAAK<br>FERQHMDSPD LGTLEVLFGQ PLGS-RVIGG YKCEKNSQPW QVALYSFTKY LCGGVLDIPS WVITAHCSS<br>NNYQVWLGRN NLEDEPFAQ HRLVSQSFPH PDYKPLMRN HTRKPGDDHS NDLMLLHLSQ PADITDGVKV<br>IDLPTPEPKV GSTCLASGWG STKPLIWEFP DDLQCVNIHL LSNEKCIKAY KEKVTDLMCL AGELEGGKDT<br>CTGDSGGPLL CDGVLQGITS WGSVPCA KTN MPAIYTKLIK FTSWIKE |
| Sequence Length                                | 246                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Applicable Applications for anti-KLK7 antibody | WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Immunogen                                      | Recombinant KLK7 (Arg24~Glu255) expressed in E.coli.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Cross Reactivity                               | Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Conjugated Antibody                            | The APC conjugated antibody version of this item is also available as                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Preparation and Storage                        | Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

IMAGES



IHC (Immunohistochemistry)  
DABstainingonIHC-P.Samples:RatTissue



WB (Western Blot)  
Western Blot: Sample: Recombinant protein.

NCBI AND UNIPROT INFORMATION

|                                  |                                                                     |
|----------------------------------|---------------------------------------------------------------------|
| NCBI GI #                        | 6981132                                                             |
| NCBI GeneID                      | 24523                                                               |
| NCBI Accession #                 | NP_036725.1                                                         |
| NCBI GenBank Nucleotide #        | NM_012593.1                                                         |
| UniProt Accession #              | P36373                                                              |
| Molecular Weight                 | 28,972 Da                                                           |
| NCBI Official Full Name          | kallikrein 1                                                        |
| NCBI Official Synonym Full Names | kallikrein 1                                                        |
| NCBI Official Symbol             | Klk1                                                                |
| NCBI Official Synonym Symbols    | Kal; KALA; Klk5; Klk7; Klk1l; Klka3; RGK-7; Klk1c7; RSKG-7; RATKALA |
| NCBI Protein Information         | kallikrein 1                                                        |
| UniProt Protein Name             | Glandular kallikrein-7, submandibular/renal                         |
| UniProt Gene Name                | Klk7                                                                |
| UniProt Synonym Gene Names       | Klk-7; rGK-7                                                        |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/kallikrein-7-klk7-antibody-western-blot-immunohistochemistry-immunocytochemistry-elisa/131007>