

## Goat KLK2 Polyclonal Antibody | anti-KLK2 antibody

Goat anti-KLK2 Antibody

| CATALOG # | HOST | REACTIVITY                                              | APPLICATIONS                              |
|-----------|------|---------------------------------------------------------|-------------------------------------------|
| AAA61116  | Goat | Tested: Human; Expected from sequence similarity: Human | Immunohistochemistry, Western Blot, ELISA |

### PRODUCT SYNONYMS

KLK2; Polyclonal Antibody; Goat anti-KLK2 Antibody; kallikrein-related peptidase 2; KLK2A2; MGC12201; hK2; glandular kallikrein 2; kallikrein 2; prostatic; KLK2 antibody; kallikrein-related peptidase 2 antibody; KLK2A2 antibody; MGC12201 antibody; hK2 antibody; glandular kallikrein 2 antibody; prostatic antibody; anti-KLK2 antibody

### PRODUCT SPECIFICATIONS

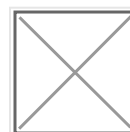
|                                                |                                                                                                                                       |
|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Goat                                                                                                                                  |
| Reactivity                                     | Tested: Human; Expected from sequence similarity: Human                                                                               |
| Clonality                                      | Polyclonal                                                                                                                            |
| Purity/Purification                            | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |
| Form/Format                                    | Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.                                       |
| Concentration                                  | 100ug specific antibody in 200ul (varies by lot)                                                                                      |
| Sequence                                       | KHQSLRPDED SSHD                                                                                                                       |
| Sequence Length                                | 261                                                                                                                                   |
| Applicable Applications for anti-KLK2 antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA (Peptide ELISA)                                                                  |
| Immunogen                                      | Peptide with sequence C-KHQSLRPDEDSSHD, from the internal region of the protein sequence according to NP_005542.1; NP_001002231.1.    |
| Epitope                                        | Internal region                                                                                                                       |
| Note                                           | This antibody is expected to recognize both reported isoforms (NP_005542.1; NP_001002231.1).                                          |
| Preparation and Storage                        | Aliquot and store at -20 degree C. Minimize freezing and thawing.                                                                     |

### IMAGES



#### IHC (Immunohistochemistry)

3.8ug/ml staining of paraffin embedded Human Prostate. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



#### WB (Western Blot)

0.1ug/ml staining of Human Prostate lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

### NCBI AND UNIPROT INFORMATION

|             |         |
|-------------|---------|
| NCBI GI #   | 5031829 |
| NCBI GeneID | 3817    |

|                                  |                                                              |
|----------------------------------|--------------------------------------------------------------|
| NCBI Accession #                 | <a href="#">NP_005542.1</a> ; <a href="#">NP_001002231.1</a> |
| NCBI GenBank Nucleotide #        | <a href="#">NM_005551.4</a>                                  |
| Molecular Weight                 | 17,301 Da                                                    |
| NCBI Official Full Name          | kallikrein-2 isoform 1 preproprotein                         |
| NCBI Official Synonym Full Names | kallikrein related peptidase 2                               |
| NCBI Official Symbol             | KLK2                                                         |
| NCBI Official Synonym Symbols    | hK2; hGK-1; KLK2A2                                           |
| NCBI Protein Information         | kallikrein-2                                                 |
| UniProt Protein Name             | Kallikrein-2                                                 |
| UniProt Gene Name                | <b>KLK2</b>                                                  |
| UniProt Synonym Gene Names       | hGK-1                                                        |
| UniProt Entry Name               | KLK2_HUMAN                                                   |

**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/klk2-antibody-immunohistochemistry-western-blot-peptide-elisa-elisa/61116>