

## Rabbit KLKB1 Polyclonal Antibody | anti-KLKB1 antibody

KLKB1 Polyclonal Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                             |
|-----------|--------|-------------------|------------------------------------------|
| AAA177174 | Rabbit | Human, Mouse, Rat | Immunofluorescence, Immunohistochemistry |

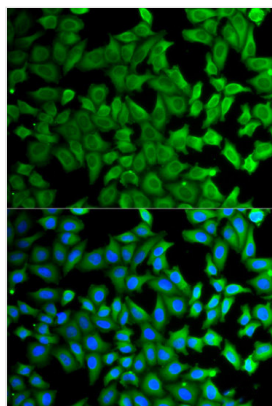
### PRODUCT SYNONYMS

KLKB1; Polyclonal Antibody; KLKB1 Polyclonal Antibody; KLK3; PKK; PKKD; PPK; anti-KLKB1 antibody

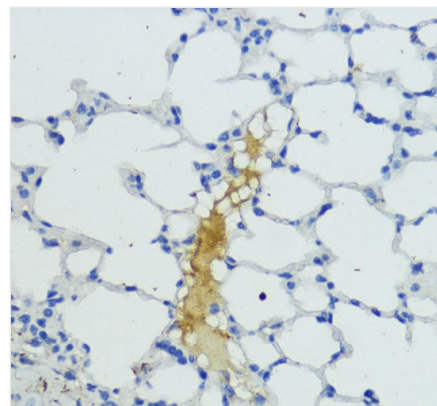
### PRODUCT SPECIFICATIONS

|                                                 |                                                        |
|-------------------------------------------------|--------------------------------------------------------|
| Host                                            | Rabbit                                                 |
| Reactivity                                      | Human, Mouse, Rat                                      |
| Clonality                                       | Polyclonal                                             |
| Isotype                                         | IgG                                                    |
| Purity/Purification                             | Affinity purification                                  |
| Form/Format                                     | PBS with 0.02% sodium azide, 50% glycerol, pH7.3       |
| Concentration                                   | 1mg/mL (varies by lot)                                 |
| Applicable Applications for anti-KLKB1 antibody | IF (Immunofluorescence), IHC (Immunohistochemistry)    |
| Immunogen                                       | Recombinant fusion protein of human KLKB1 (NP_0008832) |
| Conjugation                                     | Unconjugated                                           |
| Preparation and Storage                         | Store at -20 degree C. Avoid freeze/thaw cycles.       |

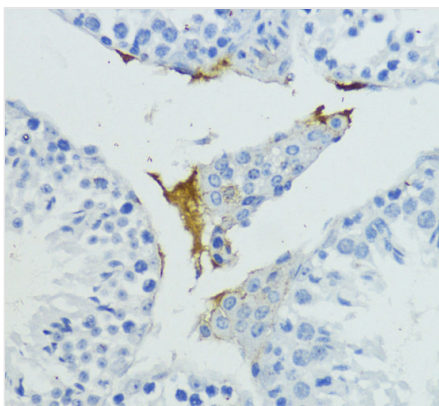
### IMAGES


**IF (Immunofluorescence)**

Immunofluorescence analysis of HeLa cells using KLKB1 Polyclonal Antibody


**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded Mouse lung using KLKB1 Polyclonal Antibody at dilution of 1:200 (40x lens).



**IHC (Immunohistochemistry)**  
 Immunohistochemistry of paraffin-embedded Mouse testis using KLKB1 Polyclonal Antibody at dilution of 1:200 (40x lens).

### ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-KLKB1 antibody | This gene encodes a glycoprotein that participates in the surface-dependent activation of blood coagulation, fibrinolysis, kinin generation and inflammation. The encoded preproprotein present in plasma as a non-covalent complex with high molecular weight kininogen undergoes proteolytic processing mediated by activated coagulation factor XII to generate a disulfide-linked, heterodimeric serine protease comprised of heavy and light chains. Certain mutations in this gene cause prekallikrein deficiency. Alternative splicing results in multiple transcript variants encoding different isoforms. |
| Product Categories/Family for anti-KLKB1 antibody   | Cancer; Cell Biology; Cardiovascular; Signal Transduction; Polyclonal Antibody                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

### NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                     |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 78191798                                                                                                                            |
| NCBI GeneID                      | 3818                                                                                                                                |
| NCBI Accession #                 | NP_000883.2                                                                                                                         |
| NCBI GenBank Nucleotide #        | NM_000892.3                                                                                                                         |
| UniProt Accession #              | P03952; Q17RE8; Q17RE9; Q4W5C3; A6NH96; B2R8H9                                                                                      |
| Molecular Weight                 | 71,370 Da                                                                                                                           |
| NCBI Official Full Name          | plasma kallikrein preproprotein                                                                                                     |
| NCBI Official Synonym Full Names | kallikrein B, plasma (Fletcher factor) 1                                                                                            |
| NCBI Official Symbol             | KLKB1                                                                                                                               |
| NCBI Official Synonym Symbols    | PPK; KLK3                                                                                                                           |
| NCBI Protein Information         | plasma kallikrein; kininogenin; Fletcher factor; plasma prekallikrein; plasma kallikrein heavy chain; plasma kallikrein light chain |
| UniProt Protein Name             | Plasma kallikrein                                                                                                                   |
| UniProt Gene Name                | <b>KLKB1</b>                                                                                                                        |
| UniProt Synonym Gene Names       | KLK3                                                                                                                                |
| UniProt Entry Name               | KLKB1_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.

