

## Rabbit anti-Human KLK6 Polyclonal Antibody | anti-KLK6 antibody

KLK6 Polyclonal Antibody

|                               |                       |                            |                                             |
|-------------------------------|-----------------------|----------------------------|---------------------------------------------|
| CATALOG #<br><b>AAA177042</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry</b> |
|-------------------------------|-----------------------|----------------------------|---------------------------------------------|

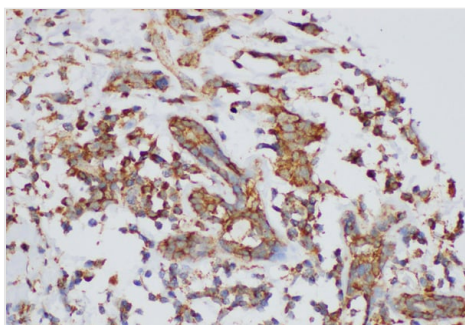
### PRODUCT SYNONYMS

KLK6; Polyclonal Antibody; KLK6 Polyclonal Antibody; Bssp; hK 6; hK6; Kallikrein 6 precursor; Kallikrein related peptidase 6; Kallikrein-6; Kallikrein6; KLK 6; Klk 7; KLK 9; Klk29; Klk6; Klk7; KLK9; MGC9355; mGK 1; mGK1; MSP; Neurosin; Protease M; Protease serine 18; Protease serine 9; PRSS 18; PRSS 9; PRSS18; PRSS9; Serine protease 18; Serine protease 9; SP 59; SP59; Tissue kallikrein; TK; Zyme; anti-KLK6 antibody

### PRODUCT SPECIFICATIONS

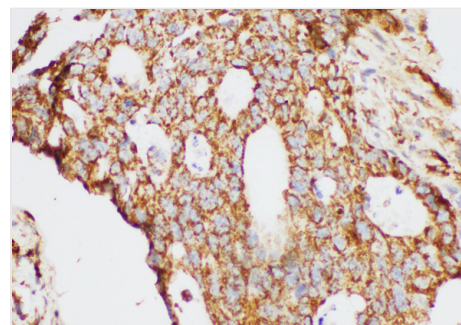
|                                                |                                                  |
|------------------------------------------------|--------------------------------------------------|
| Host                                           | Rabbit                                           |
| Reactivity                                     | Human                                            |
| Clonality                                      | Polyclonal                                       |
| Isotype                                        | IgG                                              |
| Purity/Purification                            | Antigen affinity purification                    |
| Form/Format                                    | PBS with 0.05% Proclin300, 50% glycerol, pH7.3   |
| Concentration                                  | 1mg/mL (varies by lot)                           |
| Applicable Applications for anti-KLK6 antibody | IHC (Immunohistochemistry)                       |
| Immunogen                                      | Recombinant Human Kallikrein-6 protein           |
| Conjugation                                    | Unconjugated                                     |
| Preparation and Storage                        | Store at -20 degree C. Avoid freeze/thaw cycles. |

### IMAGES



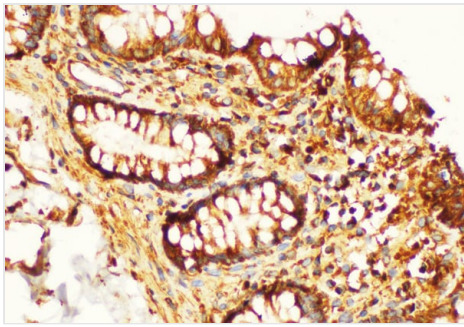
#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human breast cancer using KLK6 Polyclonal Antibody at dilution of 1:200.



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human colon cancer using KLK6 Polyclonal Antibody at dilution of 1:200.



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human colon using KLK6 Ployclonal Antibody at dilution of 1:200.

## ADDITIONAL INFORMATION

|                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-----------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-KLK6 antibody</b> | Kallikreins are a subgroup of serine proteases having diverse physiological functions. Growing evidence suggests that many kallikreins are implicated in carcinogenesis and some have potential as novel cancer and other disease biomarkers. This gene is one of the fifteen kallikrein subfamily members located in a cluster on chromosome 19. The encoded enzyme is regulated by steroid hormones. In tissue culture, the enzyme has been found to generate amyloidogenic fragments from the amyloid precursor protein, suggesting a potential for involvement in Alzheimer's disease. Multiple alternatively spliced transcript variants that encode different isoforms have been identified for this gene. |
| <b>Product Categories/Family for anti-KLK6 antibody</b>   | <a href="#">Cancer</a> ; <a href="#">Neuroscience</a> ; <a href="#">Tags &amp; Cell Markers</a> ; <a href="#">Signal Transduction</a> ; <a href="#">Cell Biology</a> ; <a href="#">Polyclonal Antibody</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

## NCBI AND UNIPROT INFORMATION

|                                         |                                                                                                   |
|-----------------------------------------|---------------------------------------------------------------------------------------------------|
| <b>NCBI GI #</b>                        | <a href="#">61744426</a>                                                                          |
| <b>NCBI GeneID</b>                      | <a href="#">5653</a>                                                                              |
| <b>NCBI Accession #</b>                 | <a href="#">NP_001012983.1</a>                                                                    |
| <b>NCBI GenBank Nucleotide #</b>        | <a href="#">NM_001012965.1</a>                                                                    |
| <b>UniProt Accession #</b>              | <a href="#">Q92876</a> ; <a href="#">Q6H301</a> ; <a href="#">A6NJA1</a> ; <a href="#">A8MW09</a> |
| <b>Molecular Weight</b>                 | 26,856 Da                                                                                         |
| <b>NCBI Official Full Name</b>          | kallikrein-6 isoform B                                                                            |
| <b>NCBI Official Synonym Full Names</b> | kallikrein-related peptidase 6                                                                    |
| <b>NCBI Official Symbol</b>             | KLK6                                                                                              |
| <b>NCBI Official Synonym Symbols</b>    | hK6; Bssp; Klk7; SP59; PRSS9; PRSS18                                                              |
| <b>NCBI Protein Information</b>         | kallikrein-6; zyme; neurosin; protease M; serine protease 9; serine protease 18                   |
| <b>UniProt Protein Name</b>             | Kallikrein-6                                                                                      |
| <b>UniProt Gene Name</b>                | <b>KLK6</b>                                                                                       |
| <b>UniProt Synonym Gene Names</b>       | PRSS18; PRSS9                                                                                     |
| <b>UniProt Entry Name</b>               | KLK6_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.