

## Product datasheet for **TA350122S**

### Kallikrein 6 (KLK6) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: A375 cells IHC: 100-300 Positive control: Human colon cancer Predicted cell location: Cytoplasm
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human KLK6
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	27 kDa
Gene Name:	kallikrein related peptidase 6
Database Link:	<a href="#">NP_002765</a> <a href="#">Entrez Gene 5653 Human</a> <a href="#">Q92876</a>



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**Background:**

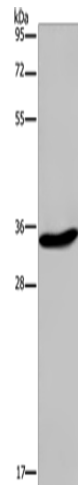
Kallikreins are a subgroup of serine proteases having diverse physiological functions. Growing evidence suggests that many kallikreins are implicated in carcinogenesis and some have potential as novel cancer and other disease biomarkers. This gene is one of the fifteen kallikrein subfamily members located 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.

**Synonyms:**

Bssp; hK6; Klk7; PRSS9; PRSS18; SP59

**Protein Families:**

Druggable Genome, Protease, Secreted Protein

**Product images:**

Gel: 10%SDS-PAGE

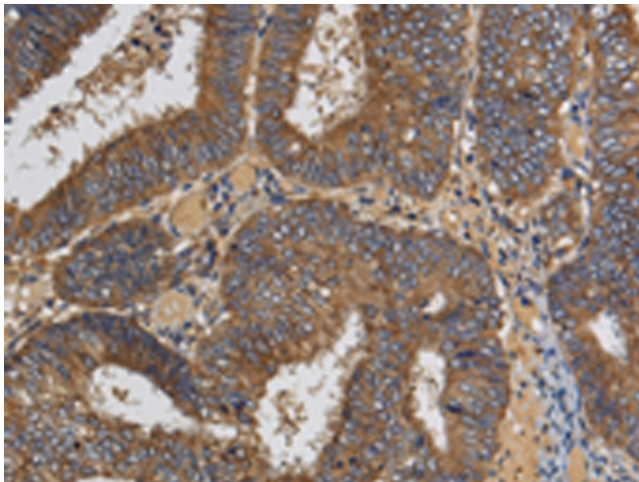
Lysate: 40 µg

Lane: A375 cells

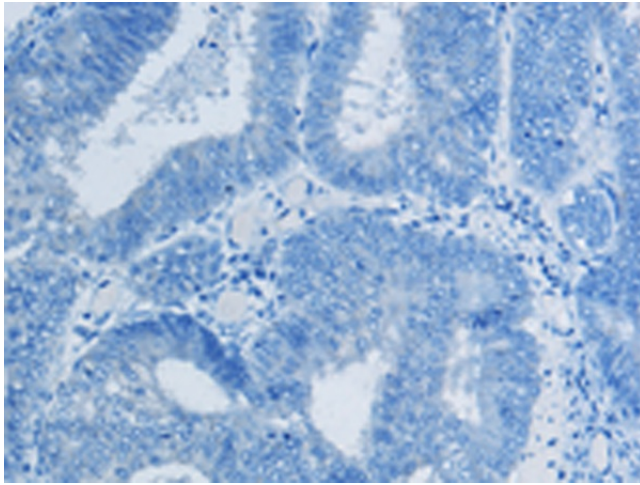
Primary antibody: [TA350122] (KLK6 Antibody) at dilution 1/300

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

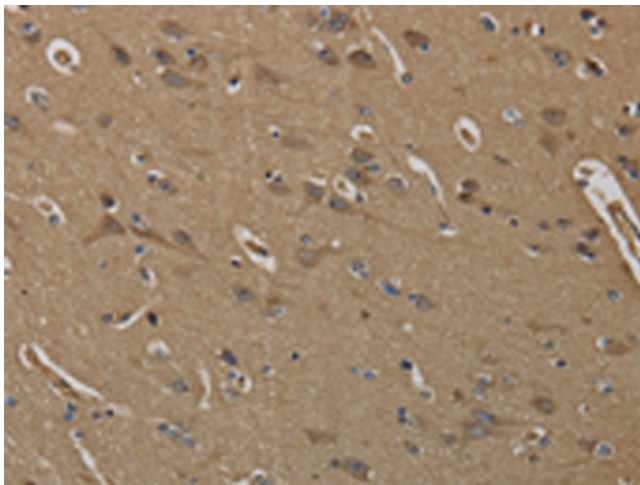
Exposure time: 1 minute



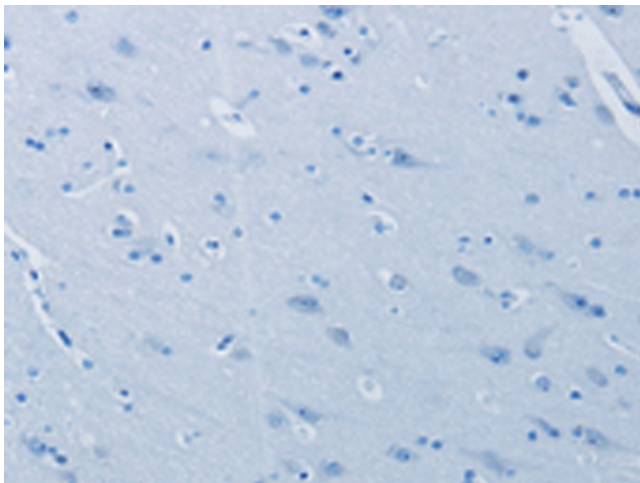
Immunohistochemistry of paraffin-embedded Human colon cancer tissue using [TA350122] (KLK6 Antibody) at dilution 1/60 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human colon cancer tissue using [TA350122] (KLK6 Antibody) at dilution 1/60, treated with fusion protein. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human brain tissue using [TA350122] (KLK6 Antibody) at dilution 1/60 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human brain tissue using [TA350122] (KLK6 Antibody) at dilution 1/60, treated with fusion protein. (Original magnification: ×200)