

**Kallikrein 8 Rabbit mAb**  
Catalog # AP78809**Specification**

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**Kallikrein 8 Rabbit mAb - Product Information**

Application	<b>WB</b>
Primary Accession	<a href="#">O60259</a>
Reactivity	<b>Human</b>
Host	<b>Rabbit</b>
Clonality	<b>Monoclonal Antibody</b>
Calculated MW	<b>28048</b>

**Kallikrein 8 Rabbit mAb - Additional Information****Gene ID** 11202**Other Names**

KLK8

**Dilution**

WB~~1/500-1/1000

**Format**

Liquid

**Kallikrein 8 Rabbit mAb - Protein Information****Name** KLK8**Synonyms** NRPN, PRSS19, TADG14**Function**

Serine protease which is capable of degrading a number of proteins such as casein, fibrinogen, kininogen, fibronectin and collagen type IV. Also cleaves L1CAM in response to increased neural activity. Induces neurite outgrowth and fasciculation of cultured hippocampal neurons. Plays a role in the formation and maturation of orphan and small synaptic boutons in the Schaffer-collateral pathway, regulates Schaffer-collateral long-term potentiation in the hippocampus and is required for memory acquisition and synaptic plasticity. Involved in skin desquamation and keratinocyte proliferation. Plays a role in the secondary phase of pathogenesis following spinal cord injury.

**Cellular Location**

Secreted. Cytoplasm. Note=Shows a cytoplasmic distribution in the keratinocytes

**Tissue Location**

Isoform 1 is predominantly expressed in the pancreas. Isoform 2 is expressed in adult brain and hippocampus Isoform 1 and isoform 2 are found in fetal brain and placenta. Detected in salivary gland, uterus, thymus, breast, testis and kidney but not in spleen, liver, lung or normal ovarian tissue. Displays an 11.5-fold increase in Alzheimer disease hippocampus compared to controls and

is overexpressed in some ovarian carcinomas. Expressed at low levels in normal skin while high levels are found in psoriasis vulgaris, seborrheic keratosis, lichen planus and squamous cell carcinoma skin samples. Expressed in the keratinocytes.

### Kallikrein 8 Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### Kallikrein 8 Rabbit mAb - Images

