

## Cleaved-KLK8 (V33) polyclonal antibody

Catalog: BS7042

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

Kallikreins (KLKs) belong to the serine protease family of proteolytic enzymes. Kallikrein-8 (KLK8), also called neuropsin precursor, ovasin or serine protease 19, is a 260 amino acid secreted protein involved in hippocampal plasticity. Two isoforms exist for this protein. Isoform 1 is the primary form of KLK8 found predominantly in the pancreas. Isoform 2 contains an additional 46 amino acids after amino acid 23 and is predominantly expressed in adult brain and hippocampus. Isoform 2 is not common to the mouse homolog or other primate homologs. In humans, the T to A mutation (c.71-127T>A) leads to the splice variant seen in the human brain. Both isoforms are detected in fetal brain and placenta. In some cancer cells, KLK8 expression can suppress tumor cell invasiveness and lead to a favorable clinical outcome.

### Product:

1mg/ml in PBS with 0.1% Sodium Azide, 50% Glycerol.

### Molecular Weight:

~ 24, 28 kDa

### Swiss-Prot:

O60259

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:500~1:1000

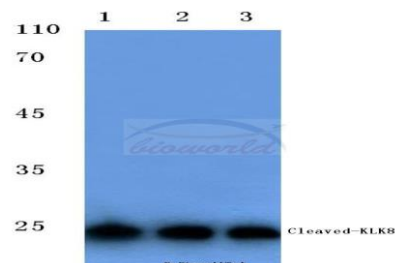
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

Cleaved-KLK8 (V33) polyclonal antibody detects endogenous levels of Cleaved-KLK8 (24 kDa) protein and Pro-KLK8 (28 kDa) Protein.

### DATA:



Western blot (WB) analysis of Cleaved-KLK8 (V33) polyclonal antibody at 1:500 dilution

Lane1:HEK293T cell lysate

Lane2:Mouse kidney tissue lysate

Lane3:Rat kidney tissue lysate

### Note:

For research use only, not for use in diagnostic procedure.

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