

KLK8 rabbit monoclonal antibody

Catalog # H00011202-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human KLK8 peptide using ARM Technology.
Immunogen	A synthetic peptide of human KLK8 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human KLK8 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — KLK8

Entrez GeneID [11202](#)

GeneBank Accession# [KLK8](#)

Gene Name KLK8

Gene Alias HNP, NP, NRPN, PRSS19, TADG14

Gene Description kallikrein-related peptidase 8

Omim ID [605644](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. Alternate splicing of this gene results in four transcript variants encoding four different isoforms. The isoforms exhibit distinct patterns of expression that suggest roles in brain plasticity and ovarian cancer. [provided by RefSeq]

Other Designations KLK8 protein type 1|KLK8 protein type 2|kallikrein 8|kallikrein 8 (neuropsin/ovasin)|neuropsin type 1|neuropsin type 2|ovasin|protease, serine, 19|tumor-associated differentially expressed gene 14

Disease

- [Bipolar Disorder](#)
- [Cognition](#)
- [Depressive Disorder](#)
- [Genetic Predisposition to Disease](#)
- [Neuropsychological Tests](#)
- [Prostatic Neoplasms](#)
- [Schizophrenia](#)