

Rabbit anti-Mouse Kallikrein 8 Polyclonal Antibody | anti-KLK8 antibody

Kallikrein 8 Antibody (Center)

CATALOG # AAA290281	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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PRODUCT SYNONYMS

Kallikrein 8; Polyclonal Antibody; Kallikrein 8 Antibody (Center); Kallikrein-8; hK8; Neuropsin; NP; Ovasin; Serine protease 19; Serine protease TADG-14; Tumor-associated differentially expressed gene 14 protein; KLK8; NRPN; PRSS19; TADG14; anti-KLK8 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Kallikrein 8 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 143-172 amino acids from the Central region of human Kallikrein 8.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	143-172
Sequence Length	32
Applicable Applications for anti-KLK8 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Kallikrein 8(KLK8) Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human pancreas tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of Kallikrein 8(KLK8) Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

KLK8 Antibody (G158) western blot analysis in mouse kidney tissue lysates (35ug/lane). This demonstrates the KLK8 antibody detected the KLK8 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-KLK8 antibody	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. There are four different KLK8 isoforms, each exhibiting distinct patterns of expression that suggest roles in brain plasticity and ovarian cancer.
Product Categories/Family for anti-KLK8 antibody	Cancer; Cell Biology; Signal transduction
References	Li, Y., et al., Mol. Biol. Evol. 21(11):2111-2115 (2004). Shigemasa, K., et al., Oncol. Rep. 11(6):1153-1159 (2004). Cane, S., et al., Am. J. Obstet. Gynecol. 190(1):60-66 (2004). Clark, H.F., et al., Genome Res. 13(10):2265-2270 (2003). Magklara, A., et al., Clin. Cancer Res. 7(4):806-811 (2001).

NCBI AND UNIPROT INFORMATION

NCBI GI #	527121930
NCBI GeneID	11202
NCBI Accession #	NP_001268360.1; NP_009127.1; NP_653088.1; NP_653089.1; NP_653090.1
NCBI GenBank Nucleotide #	NM_001281431.1
UniProt Accession #	O60259; Q5V9X1; Q5V9X2; Q8IW69; Q9HCB3; Q9NR68; Q9NR69; Q9UIL9; Q9UQ47
Molecular Weight	28048
NCBI Official Full Name	kallikrein-8 isoform 5
NCBI Official Synonym Full Names	kallikrein-related peptidase 8
NCBI Official Symbol	KLK8
NCBI Official Synonym Symbols	NP; HNP; NRPN; PRSS19; TADG14
NCBI Protein Information	kallikrein-8
UniProt Protein Name	Kallikrein-8
UniProt Gene Name	KLK8
UniProt Synonym Gene Names	NRPN; PRSS19; TADG14; hK8; NP
UniProt Entry Name	KLK8_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/kallikrein-8-antibody-immunohistochemistry-western-blot-elisa/290281>