Rabbit anti-Human, mouse Kallikrein 5 Polyclonal Antibody | anti-KLK5 antibody

Kallikrein 5 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289659	**Rabbit**	**Human, mouse**	**ELISA, Western Blot**

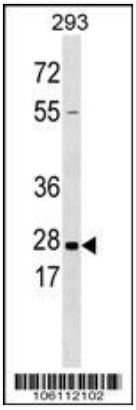
PRODUCT SYNONYMS

Kallikrein 5; Polyclonal Antibody; Kallikrein 5 Antibody (Center); Kallikrein-5; 3421-; Kallikrein-like protein 2; KLK-L2; Stratum corneum tryptic enzyme; KLK5; SCTE; anti-KLK5 antibody

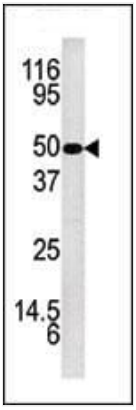
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Kallikrein 5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 144-174 amino acids from the Central region of human Kallikrein 5.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	144-174
Sequence Length	293
Applicable Applications for anti-KLK5 antibody	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



WB (Western Blot)
KLK5 Antibody (L159) western blot analysis in 293 cell line lysates (35ug/lane).This demonstrates the KLK5 antibody detected the KLK5 protein (arrow).



WB (Western Blot)
Western blot analysis of anti-KLK5 Pab in mouse brain tissue lysate.KLK5(arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-KLK5 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. KLK5 expression is up-regulated by estrogens and progestins. The protein is secreted and may be involved in desquamation in the epidermis.
Product Categories/Family for anti-KLK5 antibody	Cancer; Cell Biology; Signal transduction
References	Planque, C., et al., Biochem. Biophys. Res. Commun. 329(4):1260-1266 (2005). Michael, I.P., et al., J. Biol. Chem. 280(15):14628-14635 (2005). Ishida-Yamamoto, A., et al., J. Invest. Dermatol. 124(2):360-366 (2005). Brattsand, M., et al., J. Invest. Dermatol. 124(1):198-203 (2005). Caubet, C., et al., J. Invest. Dermatol. 122(5):1235-1244 (2004).

NCBI AND UNIPROT INFORMATION

NCBI GI #	117306172
NCBI GeneID	25818
NCBI Accession #	NP_001070959.1; NP_001070960.1; NP_036559.1
NCBI GenBank Nucleotide #	NM_001077491.1
UniProt Accession #	Q9Y337; Q53ZR3; Q9HBG8
Molecular Weight	32019
NCBI Official Full Name	kallikrein-5 preproprotein
NCBI Official Synonym Full Names	kallikrein-related peptidase 5
NCBI Official Symbol	KLK5
NCBI Official Synonym Symbols	SCTE; KLKL2; KLK-L2
NCBI Protein Information	kallikrein-5
UniProt Protein Name	Kallikrein-5
UniProt Gene Name	**KLK5**
UniProt Synonym Gene Names	SCTE; KLK-L2
UniProt Entry Name	KLK5_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-5-antibody-western-blot-elisa/289659