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Anti-Kallikrein 11 Antibody

Catalog # AP51302

Product Information

Application	WB
Primary Accession	Q9UBX7
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	31059

Additional Information

Gene ID	11012
Other Names	PRSS20; TLSP; Kallikrein-11; hK11; Hippostasin; Serine protease 20; Trypsin-like protease
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Kallikrein 11. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

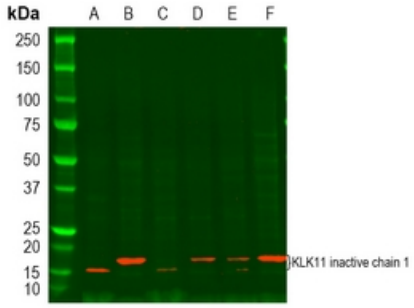
Protein Information

Name	KLK11
Synonyms	PRSS20, TLSP
Function	Possible multifunctional protease. Efficiently cleaves 'bz-Phe-Arg-4-methylcoumaryl-7-amide', a kallikrein substrate, and weakly cleaves other substrates for kallikrein and trypsin. Cleaves synthetic peptides after arginine but not lysine residues.
Cellular Location	[Isoform 1]: Secreted.
Tissue Location	Expressed in brain, skin and prostate. Isoform 1 is expressed preferentially in brain. Isoform 2 is expressed in prostate Present in seminal plasma at concentrations ranging from 2 to 37 microg/mL (at protein level).

References

Yoshida S.,et al.Biochim. Biophys. Acta 1399:225-228(1998).
Mitsui S.,et al.Biochem. Biophys. Res. Commun. 272:205-211(2000).
Yousef G.M.,et al.Genomics 63:88-96(2000).
Gan L.,et al.Gene 257:119-130(2000).
Nakamura T.,et al.Prostate 54:299-305(2003).

Images



Western blot analysis of Kallikrein 11 expression in A549 (A), Hela (B), Jurkat (C), HEK293 (D), NIHC3T3 (E), C6 (F) whole cell lysates. (Predicted band size: 31 kD; Observed band size: 15, 17 kD)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.