

Datasheet for ABIN2778179
anti-Kallikrein 6 antibody (N-Term)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µL
Target:	Kallikrein 6 (KLK6)
Binding Specificity:	N-Term
Reactivity:	Human, Dog, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Kallikrein 6 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human KLK6
Sequence:	KHNLRQRESS QEQSSVRAV IHPDYDAASH DQDIMLLRLA RPAKLSELIQ
Predicted Reactivity:	Dog: 92%, Horse: 92%, Human: 100%
Characteristics:	This is a rabbit polyclonal antibody against KLK6. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	Kallikrein 6 (KLK6)
Alternative Name:	KLK6 (KLK6 Products)

Target Details

Background:	<p>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. The gene that encodes KLK6 protein is one of the fifteen kallikrein subfamily members located in a cluster on chromosome 19. KLK6 is regulated by steroid hormones. In tissue culture, the enzyme has been found to generate amyloidogenic fragments from the amyloid precursor protein, suggesting a potential for involvement in Alzheimer's disease. 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. The encoded enzyme is regulated by steroid hormones. In tissue culture, the enzyme has been found to generate amyloidogenic fragments from the amyloid precursor protein, suggesting a potential for involvement in Alzheimer's disease. Multiple alternatively spliced transcript variants that encode different isoforms have been identified for this gene.</p> <p>Alias Symbols: Bssp, Klk7, MGC9355, NEUROSIN, PRSS18, PRSS9, SP59, ZYME, hK6</p> <p>Protein Interaction Partner: SNCA, SERPINF2, SERPINC1,</p> <p>Protein Size: 244</p>
Molecular Weight:	25 kDa
Gene ID:	5653
NCBI Accession:	NM_001012964 , NP_001012982
UniProt:	Q92876
Pathways:	Complement System , Regulation of G-Protein Coupled Receptor Protein Signaling

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 244 AA
Restrictions:	For Research Use only

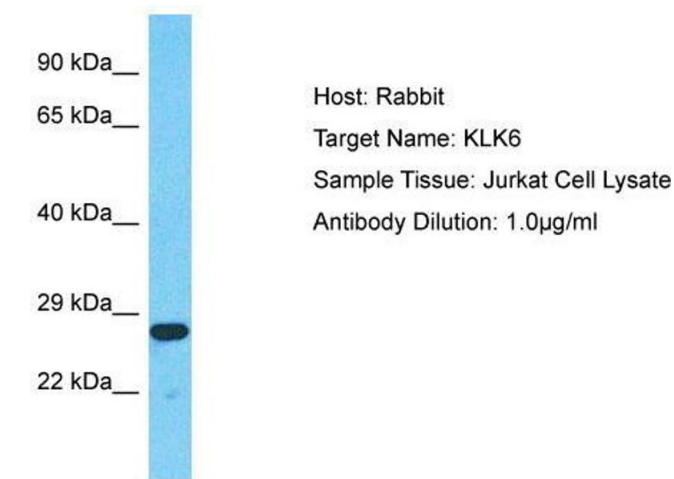
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 %

Handling

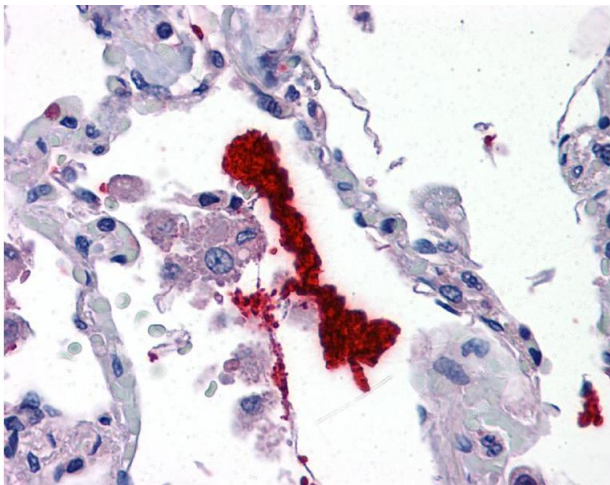
	sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



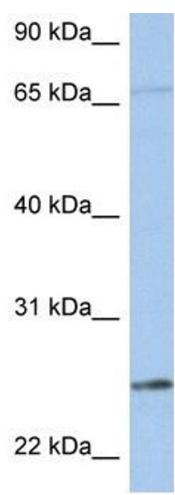
Western Blotting

Image 1. Host: Rabbit Target Name: KLK6 Sample Type: Jurkat Whole Cell lysates Antibody Dilution: 1.0ug/ml



Immunohistochemistry

Image 2.



Western Blotting

Image 3. WB Suggested Anti-KLK6 Antibody Titration: 0.2-1 ug/ml Positive Control: 721_B cell lysate