

Datasheet for ABIN5005950

anti-Kallikrein 6 antibody (AA 217-244) (AbBy Fluor® 680)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	Kallikrein 6 (KLK6)
Binding Specificity:	AA 217-244
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Kallikrein 6 antibody is conjugated to AbBy Fluor® 680
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human KLK6
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human, Mouse
Purification:	Purified by Protein A.

Target Details

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

Target Details

Background:	<p>Synonyms: hK6, Bssp, Klk7, SP59, PRSS9, PRSS18, Kallikrein-6, Neurosin, Protease M, Serine protease 18, Serine protease 9, Zyme, KLK6</p> <p>Background: Serine protease which exhibits a preference for Arg over Lys in the substrate P1 position and for Ser or Pro in the P2 position. Shows activity against amyloid precursor protein, myelin basic protein, gelatin, casein and extracellular matrix proteins such as fibronectin, laminin, vitronectin and collagen. Degrades alpha-synuclein and prevents its polymerization, indicating that it may be involved in the pathogenesis of Parkinson disease and other synucleinopathies. May be involved in regulation of axon outgrowth following spinal cord injury. Tumor cells treated with a neutralizing KLK6 antibody migrate less than control cells, suggesting a role in invasion and metastasis.</p>
Gene ID:	5653
UniProt:	Q92876
Pathways:	Complement System, Regulation of G-Protein Coupled Receptor Protein Signaling

Application Details

Application Notes:	<p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p>
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months