

Datasheet for ABIN652196

anti-Kallikrein 6 antibody (AA 126-156)**3** Images[Go to Product page](#)

Overview

Quantity:	400 µL
Target:	Kallikrein 6 (KLK6)
Binding Specificity:	AA 126-156
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Kallikrein 6 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)

Product Details

Immunogen:	This Kallikrein 6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 126-156 amino acids from the Central region of human Kallikrein 6.
Clone:	RB6116
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	Kallikrein 6 (KLK6)
Abstract:	KLK6 Products

Target Details

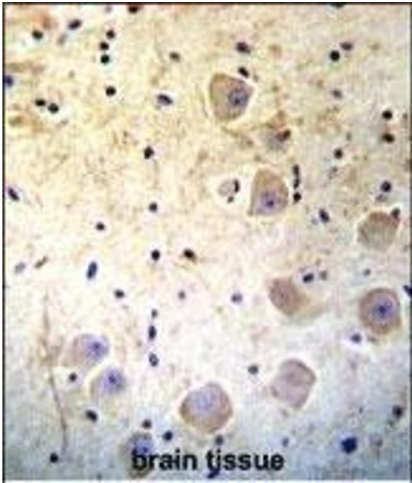
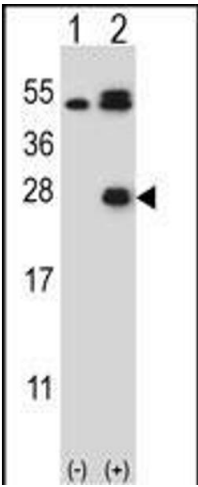
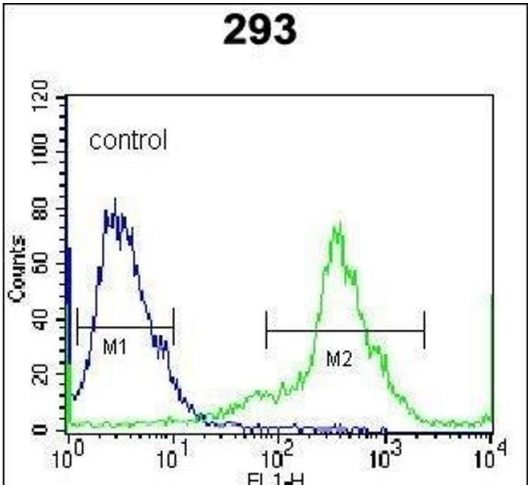
Background:	Kallikreins are a subgroup of serine proteases having diverse physiological functions. Growing evidence suggests that many kallikreins are implicated in carcinogenesis and some have potential as novel cancer and other disease biomarkers. The KLK6 enzyme is regulated by steroid hormones. In 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.
Molecular Weight:	26856
Gene ID:	5653
NCBI Accession:	NP_001012982 , NP_001012983 , NP_002765
UniProt:	Q92876
Pathways:	Complement System , Regulation of G-Protein Coupled Receptor Protein Signaling

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:10~50. FC: 1:10~50
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Flow Cytometry

Image 1. Kallikrein 6 (KLK6) Antibody (Center) Antibody (ABIN652196 and ABIN2840742) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Western Blotting

Image 2. Western blot analysis of KLK6 (arrow) using rabbit polyclonal KLK6 Antibody (ABIN652196 and ABIN2840742). 293 cell lysates (2 µg/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the KLK6 gene.

Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Kallikrein 6(KLK6) Antibody (Center) (ABIN652196 and ABIN2840742) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of Kallikrein 6(KLK6) Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.