

Datasheet for ABIN1944732
anti-Presenilin 2 antibody (N-Term)[Go to Product page](#)

2 Images

4 Publications

Overview

Quantity:	400 µL
Target:	Presenilin 2 (PSEN2)
Binding Specificity:	AA 32-65, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Presenilin 2 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	This PSEN2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 32-65 amino acids from the N-terminal region of human PSEN2(Presenilin-2 NTF subunit).
Clone:	RB30801
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	Presenilin 2 (PSEN2)
Alternative Name:	PSEN2 (PSEN2 Products)

Target Details

Background:	Probable catalytic subunit of the gamma-secretase complex, an endoprotease complex that catalyzes the intramembrane cleavage of integral membrane proteins such as Notch receptors and APP (beta-amyloid precursor protein). Requires the other members of the gamma-secretase complex to have a protease activity. May play a role in intracellular signaling and gene expression or in linking chromatin to the nuclear membrane. May function in the cytoplasmic partitioning of proteins.
Molecular Weight:	50140
Gene ID:	5664
UniProt:	P49810
Pathways:	Notch Signaling , EGFR Signaling Pathway , Neurotrophin Signaling Pathway

Application Details

Application Notes:	WB: 1:1000. FC: 1:25
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
Expiry Date:	6 months

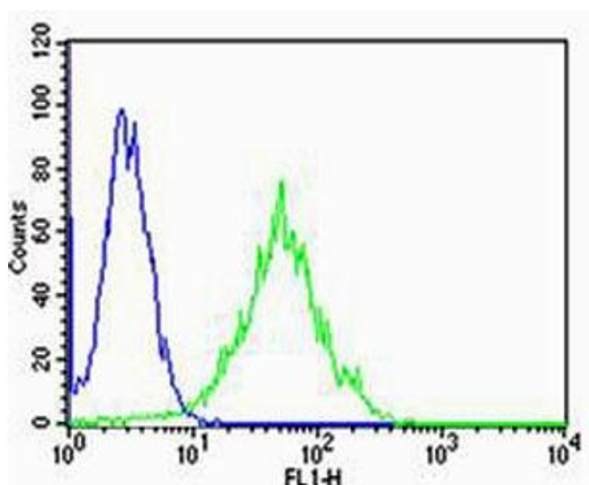
Publications

Product cited in:	Huang, Wang, Xu, Lu, Xu, Li, Zhou, Sha: "Expression of a novel RAD23B mRNA splice variant in the human testis." in: Journal of andrology , Vol. 25, Issue 3, pp. 363-8, (2004) (PubMed).
	Humphray, Oliver, Hunt, Plumb, Loveland, Howe, Andrews, Searle, Hunt, Scott, Jones, Ainscough, Almeida, Ambrose, Ashwell, Babbage, Babbage, Bagguley, Bailey, Banerjee, Barker, Barlow, Bates, Beasley et al.: "DNA sequence and analysis of human chromosome 9. ..." in:

Nature, Vol. 429, Issue 6990, pp. 369-74, (2004) ([PubMed](#)).

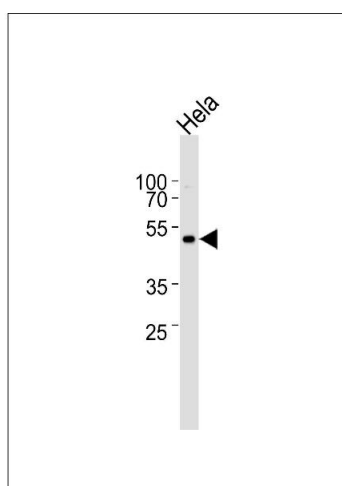
Masutani, Sugasawa, Yanagisawa, Sonoyama, Ui, Enomoto, Takio, Tanaka, van der Spek, Bootsma: "Purification and cloning of a nucleotide excision repair complex involving the xeroderma pigmentosum group C protein and a human homologue of yeast RAD23." in: **The EMBO journal**, Vol. 13, Issue 8, pp. 1831-43, (1994) ([PubMed](#)).

Images



Flow Cytometry

Image 1. Flow cytometric analysis of Hela cells using PSEN2(Presenilin-2 NTF subunit) Antibody (N-term)(green, Cat(ABIN1944732 and ABIN2838558)) compared to an isotype control of rabbit IgG(blue). (ABIN1944732 and ABIN2838558) was diluted at 1:25 dilution. An Alexa Fluor® 488 goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody.



Western Blotting

Image 2. Western blot analysis of lysate from Hela cell line, using PSEN2(Presenilin-2 NTF subunit) Antibody (N-term) (ABIN1944732 and ABIN2838558). (ABIN1944732 and ABIN2838558) was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35 µg.