

Datasheet for ABIN2787885
anti-Presenilin 2 antibody (C-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	Presenilin 2 (PSEN2)
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Mouse, Dog, Cow, Guinea Pig, Horse, Rabbit, Zebrafish (Danio rerio), Saccharomyces cerevisiae
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Presenilin 2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of human PSEN2
Sequence:	PYDPEMEEDS YDSFGEPSYP EVFEPPLTGY PGEELEEEEE RGVKLGLGDF
Predicted Reactivity:	Cow: 100%, Dog: 93%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Yeast: 90%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against PSEN2. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	Presenilin 2 (PSEN2)
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Target Details

Alternative Name:	PSEN2 (PSEN2 Products)
Background:	Alzheimer's disease (AD) patients with an inherited form of the disease carry mutations in the presenilin proteins (PSEN1 or PSEN2) or the amyloid precursor protein (APP). These disease-linked mutations result in increased production of the longer form of amyloid-beta (main component of amyloid deposits found in AD brains). Presenilins are postulated to regulate APP processing through their effects on gamma-secretase, an enzyme that cleaves APP. Also, it is thought that the presenilins are involved in the cleavage of the Notch receptor such that, they either directly regulate gamma-secretase activity, or themselves act as protease enzymes. Two alternatively spliced transcript variants encoding different isoforms of PSEN2 have been identified. Alias Symbols: AD4, PS2, AD3L, STM2, CMD1V Protein Size: 304
Molecular Weight:	33 kDa
Gene ID:	5664
NCBI Accession:	XM_011544236 , XP_011542538
UniProt:	E5RG63
Pathways:	Notch Signaling , EGFR Signaling Pathway , Neurotrophin Signaling Pathway

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

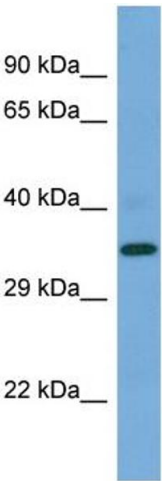
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % 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 repeat freeze-thaw cycles.

Handling

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.