

Datasheet for ABIN7384484 **anti-Presenilin 1 antibody**

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Overview

Quantity:	50 µL
Target:	Presenilin 1 (PSEN1)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This Presenilin 1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Clone:	R05-4D4
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	Presenilin 1 (PSEN1)
Alternative Name:	Presenilin 1 (PSEN1 Products)
Background:	<p>AD3,FAD,PS-1,PS1,S182,Presenilin 1,PSEN1,Alzheimer's disease (AD) patients with an inherited form of the disease carry mutations in the presenilin proteins (PSEN1, PSEN2) or in 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).</p> <p>Presenilins are postulated to regulate APP processing through their effects on gamma-</p>

Target Details

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 are protease enzymes. Several alternatively spliced transcript variants encoding different isoforms have been identified for this gene, the full-length nature of only some have been determined.

Molecular Weight:	Observed_MW: 20kDa Calculated_MW: 53kDa
Gene ID:	5663
UniProt:	P49768
Pathways:	Notch Signaling , EGFR Signaling Pathway , Synaptic Vesicle Exocytosis , Dicarboxylic Acid Transport

Application Details

Application Notes:	WB 1:1000-1:2000
Restrictions:	For Research Use only

Handling

Concentration:	300 µg/mL
Buffer:	50 mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40 % Glycerol, 0.01 % Sodium azide and 0.05 % BSA
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.