

Product datasheet for **TA372350**

Presenilin 1 (PSEN1) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 500-2000 WB positive control: Mouse brain tissue, K562 cell lysates
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human PSEN1
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	53 kDa
Gene Name:	presenilin 1
Database Link:	Entrez Gene 5663 Human P49768

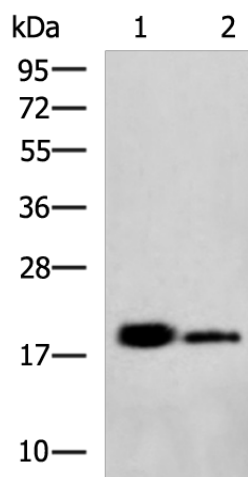
Background: Alzheimer's disease (AD) patients with an inherited form of the disease carry mutations in the presenilin proteins (PSEN1; PSEN2) or in the amyloid precursor protein (APP). These disease-linked mutations result in increased production of the longer form of amyloid-beta (main component of amyloid deposits found in AD brains). 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 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.



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Synonyms: AD3; FAD; OTTHUMP00000180589; PS-1; PS1; PNL1; S182

Product images:



Gel: 8%SDS-PAGE
Lysate: 40 μ g
Lane 1-2: Mouse brain tissue
K562 cell lysates
Primary antibody: TA372350 (PSEN1 Antibody) at dilution 1/600
Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution
Exposure time: 3 minutes