

Datasheet for ABIN6748598
anti-Presenilin 1 antibody (AA 107-156)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	Presenilin 1 (PSEN1)
Binding Specificity:	AA 107-156
Reactivity:	Human, Mouse, Rat, Monkey, Pig, Guinea Pig, Dog, Hamster, Bat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Presenilin 1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic peptide located between aa107-156 of human PSEN1 (P49768, NP_000012). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Orangutan, Gibbon, Monkey, Marmoset, Mouse, Rat, Hamster, Elephant, Dog, Bat, Pig, Opossum, Guinea pig, Lizard (100%), Bovine, Xenopus, Zebrafish (92%), Galago, Rabbit, Horse, Platypus, Salmon (85%). Type of Immunogen: Synthetic peptide
Specificity:	Human PSEN1 / Presenilin 1
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Mouse, Pig, Guinea pig (100%) Bovine, Zebrafish (92%).

Product Details

Purification: Immunoaffinity purified

Target Details

Target: Presenilin 1 (PSEN1)

Alternative Name: PSEN1 / Presenilin 1 ([PSEN1 Products](#))

Background: Name/Gene ID: PSEN1
Subfamily: Aspartic A22A
Family: protease

Synonyms: PSEN1, AD3, Alzheimer disease 3, FAD, Protein S182, PS1, S182, PS-1, PSNL1, Presenilin 1, Presenilin-1

Gene ID: 5663

NCBI Accession: [NP_000012](#)

UniProt: [P49768](#)

Pathways: [Notch Signaling](#), [EGFR Signaling Pathway](#), [Synaptic Vesicle Exocytosis](#), [Dicarboxylic Acid Transport](#)

Application Details

Application Notes: Approved: IHC, IHC-P (5 µg/mL), WB (0.2 - 1 µg/mL)

Usage: Western Blot: Suggested dilution at 1 µg/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1: 50,000 - 100,000 as secondary antibody.

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Distilled water

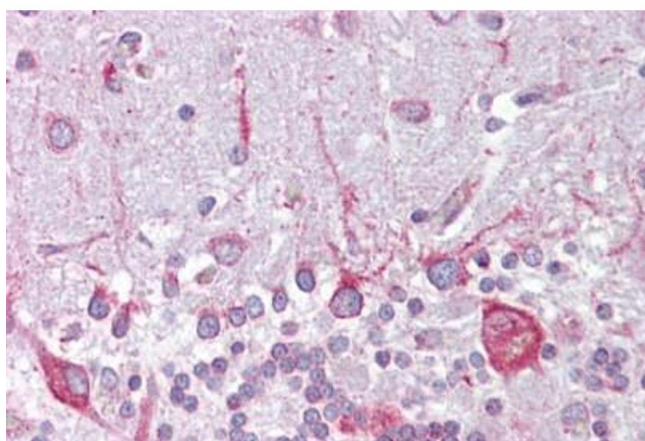
Concentration: Lot specific

Buffer: Lyophilized from PBS with 2 % sucrose

Handling

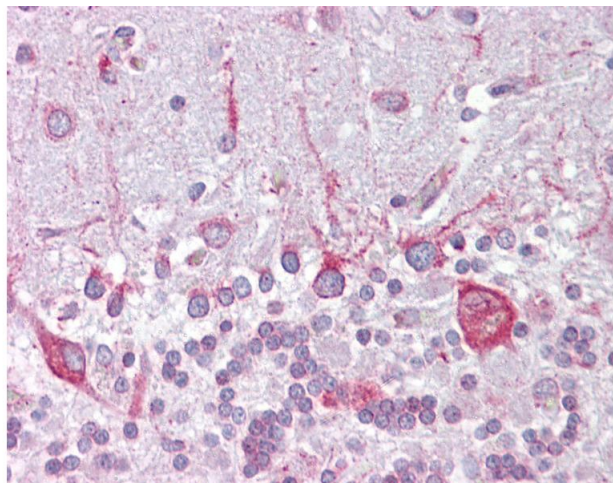
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year) Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

Images



Immunohistochemistry

Image 1. Anti-PSEN1 / Presenilin 1 antibody IHC staining of human brain, cerebellum. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody ABIN959014 concentration 5 ug/ml.



Immunohistochemistry

Image 2. Anti-PSEN1 / Presenilin 1 antibody IHC of human brain, cerebellum. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml. This image was taken for the unconjugated form ...