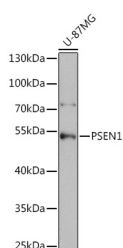


PSEN1 Polyclonal Antibody

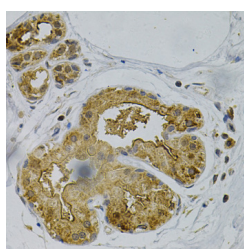
Catalog No.	E-AB-60669	Reactivity	H,M,R
Storage	Store at -20°C. Avoid freeze / thaw cycles.	Host	Rabbit
Applications	WB,IHC	Isotype	IgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.

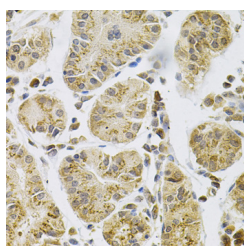
Images



Western blot analysis of extracts of U-87MG cells using PSEN1 Polyclonal Antibody at dilution of 1:1000.



Immunohistochemistry of paraffin-embedded Human breast cancer using PSEN1 Polyclonal Antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded Human stomach using PSEN1 Polyclonal Antibody at dilution of 1:100 (40x lens).

Immunogen Information

Immunogen	Recombinant fusion protein of human PSEN1 (NP_015557.2).
GeneID	5663
Swissprot	P49768
Synonyms	AD3,FAD,PS-1,PS1,S182,Presenilin 1,PSEN1

Product Information

Calculated MW	21kDa/42kDa/46kDa/48kDa/52kDa
Observed MW	52kDa
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Purify	Affinity purification
Dilution	WB 1:500-1:2000 IHC 1:50-1:200

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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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.