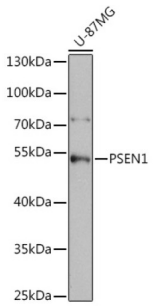
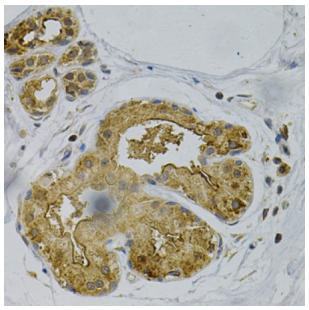
Presenilin 1 (PSEN1) Antibody

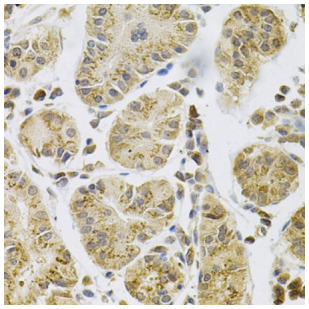
Catalogue No.:abx001799



Western blot analysis of extracts of U-87MG cells using PSEN1 Antibody (1/1000 dilution).



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



Immunohistochemistry of paraffin-embedded Human stomach using PSEN1 Antibody (1/100 dilution, 40x lens).

PSEN1 Antibody is a Rabbit Polyclonal antibody against 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). 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.

Target:	Presenilin 1 (PSEN1)
Clonality:	Polyclonal
Reactivity:	Human, Mouse, Rat
Tested Applications:	WB, IHC

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Host:	Rabbit
Recommended dilutions:	WB: 1/500 - 1/2000, IHC-P: 1/50 - 1/200. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Recombinant fusion protein corresponding to human PSEN1
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P49768 (UniProt, ExPASy)
Gene Symbol:	PSEN1
GeneID:	5663
NCBI Accession:	NP_000012.1
KEGG:	hsa:5663
String:	9606.ENSP00000326366
Molecular Weight:	Calculated MW: 21 kDa/42 kDa/46 kDa/48 kDa/52 kDa Observed MW: 52 kDa
Buffer:	PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.
Concentration:	1 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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