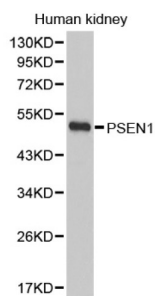
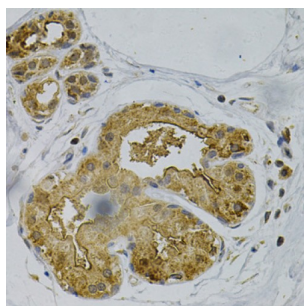


Presenilin 1 (PSEN1) Antibody

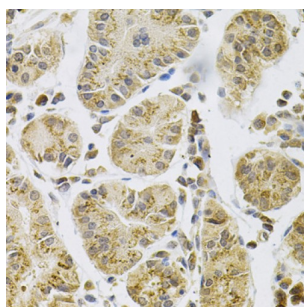
Catalogue No.: abx001799



Western blot analysis of extracts of human kidney, using PSEN1 antibody (abx001799).



Immunohistochemistry of paraffin-embedded human breast cancer using PSEN1 Antibody (abx001799) at dilution of 1/100 (40x lens).



Immunohistochemistry of paraffin-embedded human stomach using PSEN1 Antibody (abx001799) at dilution of 1/100 (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, IF/ICC

Datasheet

Version: 2.0.0
Revision date: 14 Jan 2025



Host:	Rabbit
Recommended dilutions:	WB: 1/500 - 1/2000, IHC-P: 1/50 - 1/200, IF/ICC: 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 containing a sequence corresponding to amino acids 290-380 of human Presenilin 1.
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: 53 kDa Observed MW: 52 kDa
Buffer:	PBS, pH 7.3, containing 0.09% sodium azide, 50% glycerol.
Concentration:	> 0.2 mg/ml
Note:	This product is for research use only.