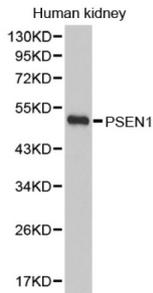
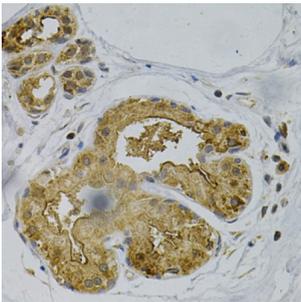


## Presenilin 1 (PSEN1) Antibody

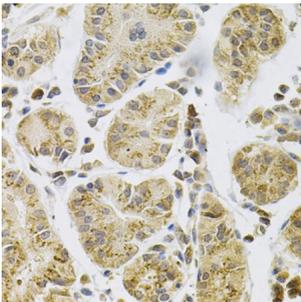
Catalogue No.: abx001799



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



<b>Host:</b>	Rabbit
<b>Recommended dilutions:</b>	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.
<b>Conjugation:</b>	Unconjugated
<b>Immunogen:</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 290-380 of human Presenilin 1.
<b>Isotype:</b>	IgG
<b>Form:</b>	Liquid
<b>Purification:</b>	Purified by affinity chromatography.
<b>Storage:</b>	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
<b>UniProt Primary AC:</b>	P49768 ( <a href="#">UniProt</a> , <a href="#">ExpASY</a> )
<b>Gene Symbol:</b>	PSEN1
<b>GeneID:</b>	<a href="#">5663</a>
<b>NCBI Accession:</b>	NP_000012.1
<b>KEGG:</b>	hsa:5663
<b>String:</b>	<a href="#">9606.ENSP00000326366</a>
<b>Molecular Weight:</b>	Calculated MW: 53 kDa Observed MW: 52 kDa
<b>Buffer:</b>	PBS, pH 7.3, containing 0.09% sodium azide, 50% glycerol.
<b>Concentration:</b>	> 0.2 mg/ml
<b>Note:</b>	This product is for research use only.