

<b>Cat. No:</b>	AB-10089
<b>Conjugate:</b>	Unconjugated
<b>Size:</b>	100 ug
<b>Clone:</b>	POLY
<b>Concentration:</b>	1mg/ml
<b>Host:</b>	Rb
<b>Isotype:</b>	IgG
<b>Immunogen:</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 1-160 of human PSEN1
<b>Reactivity:</b>	Hu,Ms,Rt
<b>Applications:</b>	Western Blot: 1:500 - 1:1000 Immunohistochemistry: 1:50 - 1:100
<b>Molecular Weight:</b>	53kDa
<b>Purification:</b>	Aff. Pur.
<b>Synonyms:</b>	PSEN1; AD3; FAD; PS-1; PS1; S182; presenilin-1
<b>Background:</b>	<p>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.</p>
<b>Form:</b>	Liquid
<b>Buffer:</b>	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
<b>Storage:</b>	Store at -20°C. Avoid freeze / thaw cycles. Store at -20°C. Avoid freeze / thaw cycles.



Immunohistochemistry of paraffinembedded human breast cancer using PSEN1 Antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffinembedded human stomach using PSEN1 Antibody at dilution of 1:100 (40x lens).

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