

Presenilin 2 (phospho Ser330) Polyclonal Antibody

Catalog No: #13598

Package Size: #13598-1 50ul #13598-2 100ul

Description

Product Name	Presenilin 2 (phospho Ser330) Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB;IHC;IF;ELISA
Species Reactivity	Human,Mouse,Rat
Specificity	Phospho-Presenilin 2 (S330) Polyclonal Antibody detects endogenous levels of Presenilin 2 protein only when phosphorylated at S330.
Immunogen Description	The antiserum was produced against synthesized peptide derived from human Presenilin 2 around the phosphorylation site of Ser330. AA range:296-345
Conjugates	Unconjugated
Other Names	PSEN2; AD4; PS2; PSNL2; STM2; Presenilin-2; PS-2; AD3LP; AD5; E5-1; STM-2
Accession No.	Swiss Prot:P49810GeneID:5664
SDS-PAGE MW	50
Concentration	1 mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	-20°C/1

Application Details

WB 1:500-1:2000; IHC 1:100-1:300; ELISA 1:5000; IF 1:50-200

Background

presenilin 2(PSEN2) Homo sapiens Alzheimer's disease (AD) patients with an inherited form of the disease carry mutations in the presenilin proteins (PSEN1 or PSEN2) or 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 act as protease enzymes. Two alternatively spliced transcript variants encoding different isoforms of PSEN2 have been identified. [provided by RefSeq, Jul 2008],

Note: This product is for in vitro research use only and is not intended for use in humans or animals.