

Presenilin 2 (phospho Ser330) Polyclonal Antibody

Catalog No: #13598



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

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

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| Product Name | Presenilin 2 (phospho Ser330) Polyclonal Antibody |
| Host Species | Rabbit |
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Applications | WB,IHC-p,IF(paraffin section),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 |
| Other Names | PSEN2; AD4; PS2; PSNL2; STM2; Presenilin-2; PS-2; AD3LP; AD5; E5-1; STM-2 |
| Accession No. | Swiss Prot:P49810GeneID:5664 |
| Uniprot | P49810 |
| GeneID | 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

Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.

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