

# Presenilin 2 (phospho Ser330) Polyclonal Antibody

Cat No: HR1AP7960

For research use only

## Overview

Product Name	Presenilin 2 (phospho Ser330) Polyclonal Antibody
Source	Rabbit
Applications	WB,IHC-p,ELISA
Species Reactivity	Human,Mouse,Rat
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	50kDa
GeneID?Human?	PSEN2
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	PSEN2; AD4; PS2; PSNL2; STM2; Presenilin-2; PS-2; AD3LP; AD5; E5-1; STM-2
Background	<p>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],</p>