

Presenilin 2 Rabbit Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP12190
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized peptide derived from human Presenilin 2
Mol wt	49280
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Presenilin 2
Synonyms	Presenilin 2; Presenilin-2; PS-2; EC 3.4.23.-; AD3LP; AD5; E5-1; STM-2; Presenilin-2 NTF subunit; Presenilin-2 CTF subunit;

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

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 are protease enzymes. Two alternatively spliced transcript variants encoding different isoforms of PSEN2 have been identified.

Recommended Dilution

WB: 1: 1000 - 1: 2000

ELISA: 1: 5000 - 1: 20000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for 1 year