

## Presenilin 2 Rabbit Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP12190
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	100ul, 50ul, 20ul
<b>Immunogen</b>	Synthesized peptide derived from human Presenilin 2
<b>Mol wt</b>	49280
<b>Species reactivity</b>	Human, Mouse, Rat
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	Presenilin 2
<b>Synonyms</b>	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