

## Presenilin 2 Rabbit pAb

db380

Package : 20μL 50μL 100μL

**Product Name** : Presenilin 2 Rabbit pAb**Cat.No.:** db380**Synonyms** : AD4; PS2; AD3L; STM2; CMD1V**Application** : WB, IHC, ICC/IF, IP**Reactivity** : Human, Mouse, Rat**Host species** : Rabbit**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 as protease enzymes. Two alternatively spliced transcript variants encoding different isoforms of PSEN2 have been identified. [provided by RefSeq, Jul 2008]

**Immunogen**

A synthetic peptide of human Presenilin 2

**Gene ID**

5664

**Swiss Prot**

P49810

**Synonyms**

AD4; PS2; AD3L; STM2; CMD1V

**Reactivity**

Human, Mouse, Rat

**Application**

WB, IHC, ICC/IF, IP

**Recommended dilution**WB: 1:2000  
IHC: 1:20  
ICC/IF: 1:20-1:50  
IP: 1:20**Calculated MW**

50 kDa

**Observed MW**

23 kDa

**Host species**

Rabbit

**Clonality**

Polyclonal

|                          |                                                                                                                                                               |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Isotype</b>           | IgG                                                                                                                                                           |
| <b>Purity</b>            | Affinity Purification                                                                                                                                         |
| <b>Conjugation</b>       | Un-conjugated                                                                                                                                                 |
| <b>Storage Stability</b> | Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt. |