Phospho-Presenilin 1 (Ser310) Rabbit pAb

db242 **Package : 20μL 50μL 100μL**

Product Name : Phospho-Presenilin 1 (Ser310) Rabbit pAb
Cat.No.: db242
Synonyms : AD3; FAD; PS1; PS-1; S182
Application : WB, ICC/IF
Reactivity : Human
Host species : Rabbit

Background	Alzheimer's disease (AD) patients with an inherited form of the disease carry mutations in the presenilin proteins (PSEN1; PSEN2) or in 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 are protease enzymes. Several alternatively spliced transcript variants encoding different isoforms have been identified for this gene, the full-length nature of only some have been determined. [provided by RefSeq, Aug 2008]
Immunogen	A synthetic phosphopeptide corresponding to residues surrounding Ser310 of human Presenilin 1
Gene ID	5663
Swiss Prot	P49768
Synonyms	AD3; FAD; PS1; PS-1; S182
Reactivity	Human
Application	WB, ICC/IF
Recommended dilution	WB: 1:2000 ICC/IF: 1:50
Calculated MW	53 kDa
Observed MW	22 kDa
Host species	Rabbit
Clonality	Polyclonal
Isotype	IgG

Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	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.