

Recombinant

DGRmAb®

Presenilin 1 (DGR12409) Rabbit mAb

db13175

Package : 10µL 20µL 50µL 100µL

Product Name : Presenilin 1 (DGR12409) Rabbit mAb**Cat.No.:** db13175**Synonyms** : AD3; FAD; PS1; PS-1; S182**Application** : WB, IHC-P**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; 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 peptide of human Presenilin 1

Gene ID

5663

Swiss Prot

P49768

Synonyms

AD3; FAD; PS1; PS-1; S182

Reactivity

Human,Mouse,Rat

Application

WB, IHC-P

Recommended dilution

WB: 1:1000-1:5000

IHC-P: 1:100

Calculated MW

53 kDa

Observed MW

20 kDa

Host species

Rabbit

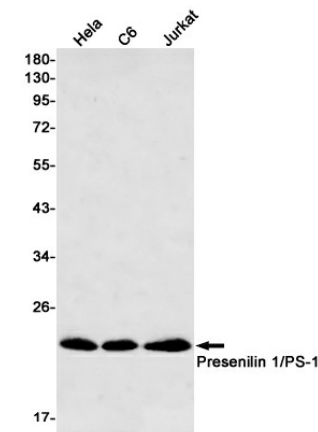
Clonality

Monoclonal

Clonality No.

DGR12409

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.



Western blot detection of Presenilin 1/PS-1 in HeLa,C6,Jurkat cell lysates using Presenilin 1/PS-1 antibody(1:500 diluted).