

Recombinant

DGRmAb®

Presenilin 1 (DGR12409) Rabbit mAb (PBS Only)

db13175-PBS

Package : 10µg 100µg

Product Name : Presenilin 1 (DGR12409) Rabbit mAb (PBS Only)**Cat.No.:** db13175-PBS**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

Calculated MW

53 kDa

Observed MW

20 kDa

Host species

Rabbit

Clonality

Monoclonal

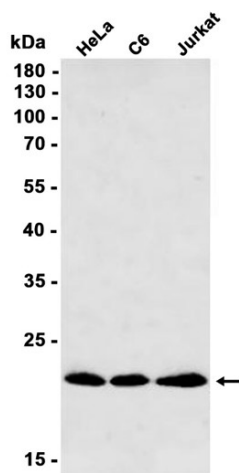
Clonality No.

DGR12409

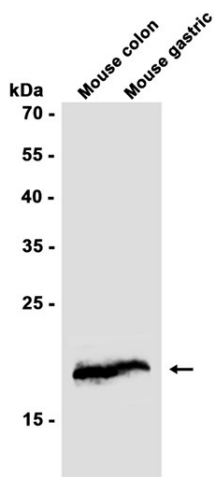
Isotype

IgG

Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Western blot analysis of extracts from HeLa, C6, Jurkat cells using [db13175](#) at 1:1000.



Western blot analysis of extracts from Mouse colon, Mouse gastric tissues using [db13175](#) at 1:1000.