

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**

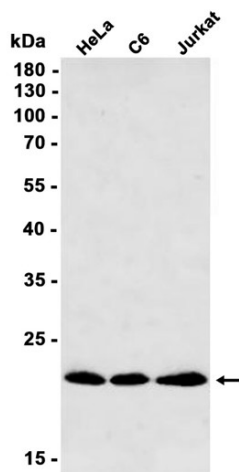
Affinity Purification

**Conjugation**

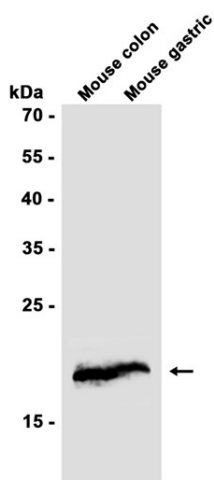
Un-conjugated

**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 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.