







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



For Research Use Only **Product Datasheet**

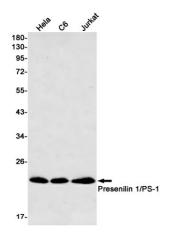
Isotype IgG

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).