

Recombinant

DGRmAb®

Phospho-Presenilin 1 (Ser310) (DGR11353) Rabbit mAb (PBS Only)

db14695-PBS

Package : 100µg

Product Name : Phospho-Presenilin 1 (Ser310) (DGR11353) Rabbit mAb (PBS Only)**Cat.No.:** db14695-PBS**Synonyms** : AD3; FAD; PS1; PS-1; S182**Application** : WB**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

Recommended dilution

WB: 1:1000

Calculated MW

53 kDa

Observed MW

22 kDa

Host species

Rabbit

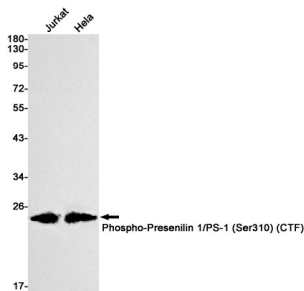
Clonality

Monoclonal

Clonality No.

DGR11353

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 detection of Phospho-Presenilin 1/PS-1 (Ser310) in Jurkat, HeLa cell lysates using [db14695](#) (1:1000 diluted).