Leader in Biomolecular Solutions for Life Science

PSEN2 Rabbit pAb

ABclonal Technology
www.abclonal.com

Catalog No.: A7719

Basic Information

Observed MW
21kDa/35kDa/50kDa

Calculated MW
50kDa

Category
Polyclonal Antibody

Applications
WB,IF/ICC,ELISA

Cross-Reactivity
Human,Mouse,Rat

Background

Alzheimer's disease (AD) patients with an inherited form of the disease carry mutations in the presenilin proteins (PSEN1 or PSEN2) or 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 act are protease enzymes. Two alternatively spliced transcript variants encoding different isoforms of PSEN2 have been identified.

Recommended Dilutions

WB	1:500 - 1:2000
IF/ICC	1:50 - 1:200

Immunogen Information

Gene ID
5664

Swiss Prot
P49810

Immunogen
Recombinant fusion protein containing a sequence corresponding to amino acids 267-384 of human PSEN2 (NP_000438.2).

Synonyms
AD4; PS2; AD3L; STM2; CMD1V; PSEN2

Contact

🌐 | www.abclonal.com

Product Information
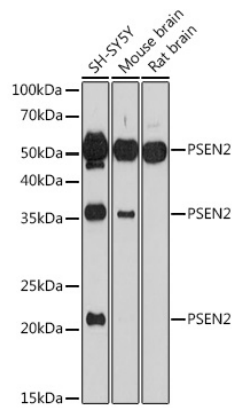
Source
Rabbit

Isotype
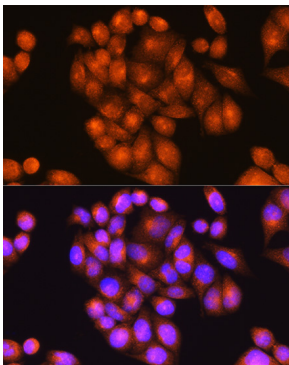IgG

Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Validation Data

Western blot analysis of extracts of various cell lines, using PSEN2 antibody (A7719) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.

Immunofluorescence analysis of HeLa cells using PSEN2 Rabbit pAb (A7719) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.