

Anti-Presenilin 1 (PS-1) Antibody



Product Details

Available Variants	500 µg (SKU:R-1605-500)
Conjugate	Unconjugated
Isotype	IgG
Host Species	Rabbit
Format	IgG
Physical State	Lyophilized
Buffer	Lyophilized from PBS, pH 7.4. Contains no preservative.
Production Notes	Protein G purified IgG
Applications	IF, WB
Dilution Ranges	WB: 1:2000 IHC: 1:100 ICC: 1:100
Species Reactivity	Human, Mouse
Immunogen	A synthetic peptide corresponding to a region (1-20 aa) from the N-terminus of human Presenilin 1 conjugated to Diphtheria toxoid.
Specificity	Specificity confirmed by WB and IF using transfected cells, Presenilin 1 knock-out mouse cells, mouse and human brain.
Molecular Weight	29 kDa, 45 kDa (see application details)
Storage	Spin vial briefly before opening. Reconstitute in 500 µL sterile-filtered 1X PBS, pH 7.2-7.6. Centrifuge to remove any insoluble material. Short term storage at 2-8°C for one week. At -20°C as an undiluted liquid for up to 12 months.
UniProt ID	P49768
Country of Origin	United States

Shipping	25°C (ambient)
Expiration	12 months after date of receipt (unopened vial).
Usage Statement	For research use only.

Product Images

Mouse cell lines or brain

PS1^{-/-} PS1^{+/-} mouse brain

36
15
30
20

PS1 NTF

PS1 [1-20]

Human brain cortex

kDa

97
66
45
30
20

PS1 FL
PS1 NTF

PS1[1-20]

Western Immunoblotting of human and mouse Presenilin 1 protein in mouse cell line extracts and mouse and human brain. Membrane protein load 20 µg. Crude anti-PS1 NT used at 1:2000.

PS1 +/+

20µm

PS1 -/-

20µm

Presenilin 1 detection in PS1 positive and knock-out neurosphere derived cells after differentiation. Immunofluorescence after 4% paraformaldehyde fixation for 15 min, PS1[1-20] protein A-purified (20 µg/mL).

Product Page URL: www.antibodiesinc.com/products/anti-presenilin-1-ps-1-antibody-r-1605-500

