

presenilin 1 Mouse Polyclonal Antibody FITC Conjugated

Catalog No: #C00016F

Package Size: #C00016F 100ul

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Description

Product Name	presenilin 1 Mouse Polyclonal Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	IF(IHC-P)
Species Reactivity	Hu Rt Rb
Immunogen Description	KLH conjugated synthetic peptide aa 1-50 467 derived from rat presenilin 1
Conjugates	FITC
Target Name	presenilin 1
Other Names	Presenilin-1; PS-1; Protein S182; Psen1; Psnl1
Cell Localization	Cytoplasm
Concentration	1mg ml
Formulation	10mM Tris Buffered Saline containing 1% BSA, 50% glycerol and 0.09% sodium azide.
Storage	Store at 4C for 12 months.

Application Details

Immunofluorescence: 1:50-200

Background

Probable catalytic subunit of the gamma-secretase complex, an endoprotease complex that catalyzes the intramembrane cleavage of integral membrane proteins such as Notch receptors and APP (beta-amyloid precursor protein). Requires the other members of the gamma-secretase complex to have a protease activity. May play a role in intracellular signaling and gene expression or in linking chromatin to the nuclear membrane. Stimulates cell-cell adhesion through its association with the E-cadherin catenin complex. Under conditions of apoptosis or calcium influx, cleaves E-cadherin promoting the disassembly of the E-cadherin catenin complex and increasing the pool of cytoplasmic beta-catenin, thus negatively regulating Wnt signaling. May also play a role in hematopoiesis (By similarity).

Note: This product is for in vitro research use only and is not intended for use in humans or animals.