

Psen2 Antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI12401**Specification**

Psen2 Antibody - C-terminal region - Product Information

Application	WB
Primary Accession	O88777
Other Accession	NM_031087 , NP_112349
Reactivity	Human, Mouse, Rat, Rabbit, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	49kDa KDa

Psen2 Antibody - C-terminal region - Additional Information**Gene ID** 81751**Other Names**

Presenilin-2, PS-2, 3.4.23.-, Presenilin-2 NTF subunit, Presenilin-2 CTF subunit, Psen2, Ps2, Psnl2

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-Psen2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

Psen2 Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Psen2 Antibody - C-terminal region - Protein Information**Name** Psen2**Synonyms** Ps2, Psnl2**Function**

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 (amyloid- beta 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. May function in the cytoplasmic partitioning of proteins. The holoprotein functions as a calcium-leak channel that allows the passive movement of

calcium from endoplasmic reticulum to cytosol and is involved in calcium homeostasis (By similarity). Is a regulator of mitochondrion-endoplasmic reticulum membrane tethering and modulates calcium ions shuttling between ER and mitochondria (PubMed:21285369).

Cellular Location

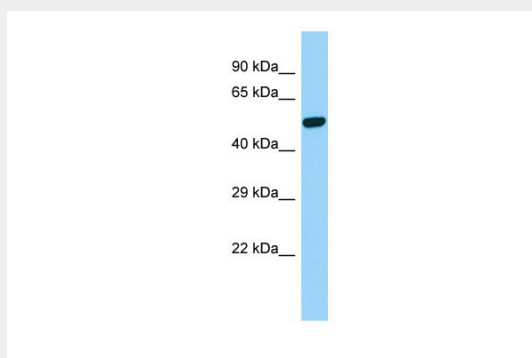
Endoplasmic reticulum membrane; Multi-pass membrane protein. Golgi apparatus membrane; Multi-pass membrane protein

Psen2 Antibody - C-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Psen2 Antibody - C-terminal region - Images



Host: Rabbit
Target Name: Psen2
Sample Tissue: Rat Stomach lysates
Antibody Dilution: 1.0µg/ml