

# Presenilin 2 Rabbit mAb

Catalog # AP74834

## Product Information

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<b>Application</b>	WB, IP
<b>Primary Accession</b>	<a href="#">P49810</a>
<b>Reactivity</b>	Human, Mouse, Rat
<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal Antibody
<b>Calculated MW</b>	50140

## Additional Information

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<b>Gene ID</b>	5664
<b>Other Names</b>	PSEN2
<b>Dilution</b>	WB~~1/500-1/1000 IP~~N/A
<b>Format</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.

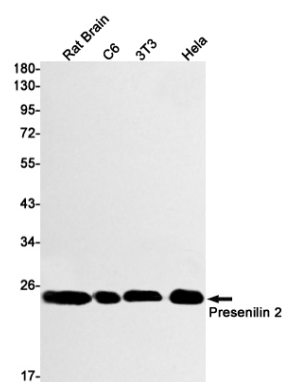
## Protein Information

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<b>Name</b>	PSEN2
<b>Synonyms</b>	AD4, PS2, PSNL2, STM2
<b>Function</b>	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 (PubMed: <a href="#">16959576</a> ). Is a regulator of mitochondrion-endoplasmic reticulum membrane tethering and modulates calcium ions shuttling between ER and mitochondria (PubMed: <a href="#">21285369</a> ).
<b>Cellular Location</b>	Endoplasmic reticulum membrane; Multi-pass membrane protein. Golgi apparatus membrane; Multi-pass membrane protein
<b>Tissue Location</b>	Isoform 1 is seen in the placenta, skeletal muscle and heart while isoform 2 is seen in the heart, brain, placenta, liver, skeletal muscle and kidney.

## Images

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