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PRODUCT DATASHEET

Anti-Presenilin-2 (PS-2) Antibody

Product Details

Available Variants	500 µL (SKU:C-1535-500)
Conjugate	Unconjugated
Isotype	IgY
Host Species	Chicken
Format	Affinity-purified
Physical State	Liquid
Buffer	PBS with 0.02% sodium azide.
Applications	ELISA, WB
Dilution Ranges	WB: 1:1000-1:4000 ELISA: 1:1000-1:4000
Species Reactivity	Human, Mouse, Rat
Immunogen	Mixture of two human Presenilin 2 peptides (319-330 and 349-360 aa). Both sequences are highly conserved in human, mouse and rat.
Specificity	Human Presenilin 2.
Storage	Short term storage at 2-8°C for one week. At -20°C as an undiluted liquid for up to 12 months.
UniProt ID	P49810 UniProt Summary: 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). Selectively cleaves late endosomal/lysosomal localized substrates and generates the prominent pool of intracellular amyloid beta that contains longer amyloid beta. 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. Is a regulator of mitochondrion-endoplasmic

	reticulum membrane tethering and modulates calcium ions shuttling between ER and mitochondria.
Country of Origin	United States
Shipping	2-8°C (on cold packs)
Expiration	12 months after date of receipt (unopened vial).
Usage Statement	For research use only.
NCBI Gene ID	5664

Product Images



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