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PRODUCT DATASHEET

Anti-Gamma-synuclein Antibody

Product Details

Available Variants	20 µg (SKU:S-069-20)
Conjugate	Unconjugated
Isotype	IgG
Host Species	Sheep
Format	Affinity-purified
Physical State	Lyophilized
Production Notes	Affinity purified and dialysed against PBS. Contains 0.02% sodium azide.
Applications	IHC, WB
Dilution Ranges	WB: 2-5 µg/mL IHC: 2-5 µg/mL
Species Reactivity	Human, Rat
Immunogen	A synthetic peptide (EKEEVAEEAQSGGD) as part of human gamma synuclein protein (114-127) conjugated to diphteria toxid has been used as the immunogen.
Specificity	Immunohistochemical/Western blot anlysis indicate a high level of specificity for this antiserum for gamma synuclein. This antiserum is known to react with human and rat gamma synuclein.
Storage	Spin vial briefly before opening. Reconstitute in 20 µL sterile-filtered, ultrapure water. Centrifuge to remove any insoluble material. After reconstitution keep aliquots at -20°C for a higher stability, and at 2-8°C with an appropriate antibacterial agent. Glycerol (1:1) may be added for an additional stability. Avoid repetitive freeze/thaw cycles.
UniProt ID	O76070 UniProt Summary: Plays a role in neurofilament network integrity. May be involved in modulating axonal architecture during development and in the adult. In vitro, increases the susceptibility of neurofilament-H to calcium-dependent

	proteases. May also function in modulating the keratin network in skin. Activates the MAPK and Elk-1 signal transduction pathway.
Country of Origin	United States
Shipping	25°C (ambient)
Expiration	12 months after date of receipt (unopened vial).
Usage Statement	For research use only.
NCBI Gene ID	6623

Product Images



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