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PRODUCT DATASHEET

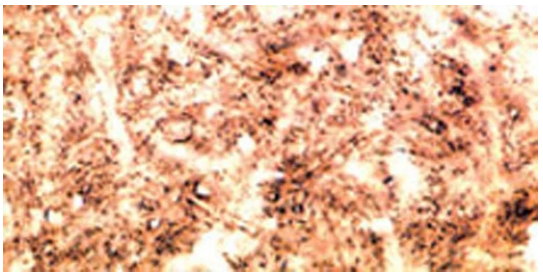
Anti-Beta-synuclein Antibody

Product Details

Available Variants	100 µg (SKU:S-077-100)
Conjugate	Unconjugated
Isotype	IgG
Host Species	Sheep
Format	Affinity-purified
Physical State	Lyophilized
Buffer	PBS with 0.02% sodium azide.
Applications	IHC
Dilution Ranges	IHC: 1 µg/mL
Species Reactivity	Human, Rat
Immunogen	A synthetic peptide (IEPLMEPEGSYEDPPQE) of human beta synuclein protein (aa: 108-125) conjugated to diptheria toxid has been used as the immunogen.
Specificity	Known to be specific for beta synuclein. This antiserum is known to react with beta synuclein of human, rat and other rodents.
Storage	Spin vial briefly before opening. Reconstitute in 100 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	Q16143 UniProt Summary: Non-amyloid component of senile plaques found in Alzheimer disease. Could act as a regulator of SNCA aggregation process. Protects neurons from staurosporine and 6-hydroxy dopamine (6OHDA)-stimulated caspase activation in a p53/TP53-dependent manner. Contributes to restore the SNCA anti-apoptotic function abolished by 6OHDA. Not found in the Lewy bodies associated with Parkinson disease.
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	6620

Product Images



Immunohistochemical staining of beta synuclein in rat spinal cord using sheep polyclonal to human beta synuclein, catalogue number S-077-100