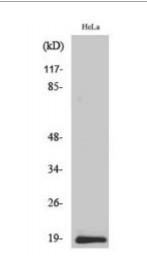


Anti-Synuclein-beta antibody



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Description Rabbit polyclonal to Synuclein-beta.

Model STJ95863

Host Rabbit

Reactivity Human, Mouse, Rat

Applications ELISA, IF, IHC, WB

Immunogen Synthesized peptide derived from human Synuclein-beta

Immunogen Region 60-140 aa, C-terminal

Gene ID <u>6620</u>

Gene Symbol SNCB

Dilution range WB 1:500-1:2000IHC 1:100-1:300IF 1:200-1:1000ELISA 1:20000

Specificity Synuclein-beta Polyclonal Antibody detects endogenous levels of Synuclein-

beta protein.

Tissue Specificity Expressed predominantly in brain; concentrated in presynaptic nerve

terminals.

Purification The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Note For Research Use Only (RUO).

Protein Name Beta-synuclein

Molecular Weight 14 kDa

Clonality Polyclonal

Conjugation Unconjugated

IgG **Isotype**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. **Formulation**

1 mg/ml Concentration

Storage Instruction Store at -20°C, and avoid repeat freeze-thaw cycles.

Database Links HGNC:11140OMIM:602569

Alternative Names Beta-synuclein

Function 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.

Cytoplasm. **Cellular Localization**

Post-translational Phosphorylated. Phosphorylation by G-protein coupled receptor kinases **Modifications**

(GRK) is more efficient than phosphorylation by CK1, CK2 and CaM-kinase

II.

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