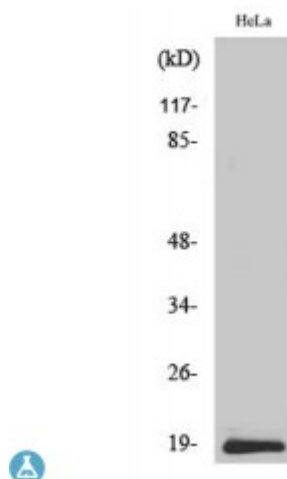


Anti-Synuclein-beta antibody



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	6620
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
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
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.
Cellular Localization	Cytoplasm.
Post-translational Modifications	Phosphorylated. Phosphorylation by G-protein coupled receptor kinases (GRK) is more efficient than phosphorylation by CK1, CK2 and CaM-kinase II.

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