

# Synuclein-β Polyclonal Antibody

Catalog # AP72681

### **Product Information**

**Application** WB, IHC-P, IF **Primary Accession** 016143

Reactivity Human, Mouse, Rat

HostRabbitClonalityPolyclonalCalculated MW14288

#### **Additional Information**

Gene ID 6620

Other Names SNCB; Beta-synuclein

**Dilution** WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300.

Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other

applications. IHC-P~~N/A IF~~1:50~200

Format Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium

azide.

Storage Conditions -20°C

#### **Protein Information**

Name SNCB

**Function** Non-amyloid component of senile plagues 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 Location** Cytoplasm.

**Tissue Location** Expressed predominantly in brain; concentrated in presynaptic nerve

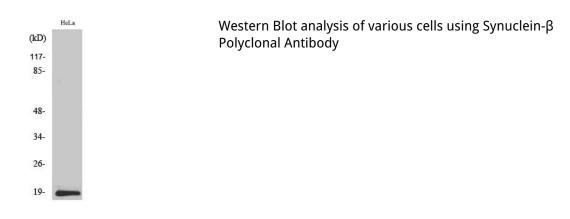
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## **Background**

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.

## **Images**



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