

Synuclein-B Polyclonal Antibody

Catalog # AP72681

Specification

Synuclein-β Polyclonal Antibody - Product Information

Application WB, IHC-P, IF Primary Accession 016143

Reactivity Human, Mouse, Rat

Host Rabbit Clonality Polyclonal

Synuclein-β Polyclonal Antibody - 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

Synuclein-β Polyclonal Antibody - Protein Information

Name SNCB

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 Location

Cytoplasm.

Tissue Location

Expressed predominantly in brain; concentrated in presynaptic nerve terminals

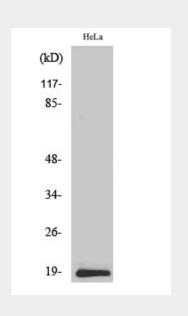


Synuclein-B Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- <u>Immunofluorescence</u>
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

Synuclein-β Polyclonal Antibody - Images



Synuclein-β Polyclonal Antibody - 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.