

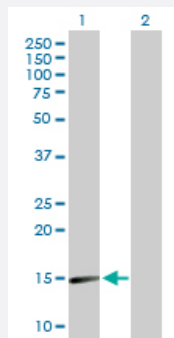
MaxPab®

SNCA purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00006622-D01P

Size 100 ug

Applications

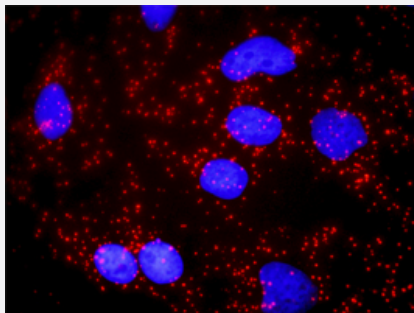


Western Blot (Transfected lysate)

Western Blot analysis of SNCA expression in transfected 293T cell line ([H00006622-T02](#)) by SNCA MaxPab polyclonal antibody.

Lane 1: SNCA transfected lysate(14.50 KDa).

Lane 2: Non-transfected lysate.



In situ Proximity Ligation Assay (Cell)

Proximity Ligation Analysis of protein-protein interactions between SNCA and APP. HeLa cells were stained with anti-SNCA rabbit purified polyclonal 1:1200 and anti-APP mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human SNCA protein.
Immunogen	SNCA (NP_000336.1, 1 a.a. ~ 140 a.a) full-length human protein.
Sequence	MDVFMKGLSKAKEGVVAAAETKQGVAAEAGKTKEGVLYVGSKTKEGVVHGVATVAEKTKEQV TNVGGAVVTGVTAVAQKTVEGAGSIAAATGTFVKDQLGKNEEGAPQEGILEDMPVDPDNEAYEM PSEEGYQDYEPEA
Host	Rabbit
Reactivity	Human

Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

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[Protocol Download](#)

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Gene Info — SNCA

Entrez GeneID	6622
GeneBank Accession#	NM_000345
Protein Accession#	NP_000336.1
Gene Name	SNCA
Gene Alias	MGC110988, NACP, PARK1, PARK4, PD1
Gene Description	synuclein, alpha (non A4 component of amyloid precursor)
Omim ID	127750 163890 168601 605543
Gene Ontology	Hyperlink

Gene Summary

Alpha-synuclein is a member of the synuclein family, which also includes beta- and gamma-synuclein. Synucleins are abundantly expressed in the brain and alpha- and beta-synuclein inhibit phospholipase D2 selectively. SNCA may serve to integrate presynaptic signaling and membrane trafficking. Defects in SNCA have been implicated in the pathogenesis of Parkinson disease. SNCA peptides are a major component of amyloid plaques in the brains of patients with Alzheimer's disease. Four alternatively spliced transcripts encoding two different isoforms have been identified for this gene. [provided by RefSeq]

Other Designations

OTTHUMP00000161559|OTTHUMP00000161561|alpha synuclein|alpha-synuclein|alpha-synuclein, isoform NACP140|non A-beta component of AD amyloid|non A4 component of amyloid

Disease

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