

Mouse alpha-Synuclein Monoclonal Antibody | anti-SNCA antibody

Anti-alpha-Synuclein Antibody

CATALOG # AAA249045	HOST Mouse	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot, Immunohistochemistry, ELISA
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PRODUCT SYNONYMS

alpha-Synuclein; Monoclonal Antibody; Anti-alpha-Synuclein Antibody; Alpha-synuclein|Non-A beta component of AD amyloid|Non-A4 component of amyloid precursor (NACP)|SNCA|NACP|PARK1; anti-SNCA antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG1
Clone Number	5C6
Purity/Purification	≥95% as determined by SDS-PAGE Protein A+G Purified
Form/Format	Liquid; PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Sequence Length	140
Applicable Applications for anti-SNCA antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Immunogen	Synuclein, alpha (non A4 component of amyloid precursor)
Preparation and Storage	Store at -20 degree C for 12 months. Avoid repeated freeze/thaw cycles.

IMAGES



WB (Western Blot)

mouse brain tissue were subjected to SDS PAGE followed by western blot with AAA249045 (SNCA antibody) at dilution of 1:1000



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse brain using AAA249045 (SNCA antibody) at dilution of 1:1000

ADDITIONAL INFORMATION

Related Product Information for anti-SNCA antibody

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. Alternatively spliced transcripts encoding different isoforms have been identified for this gene.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507109
NCBI GeneID	6622
NCBI Accession #	NP_000336.1
NCBI GenBank Nucleotide #	NM_000345.3
UniProt Accession #	P37840
Molecular Weight	Observed MW: 18 kDa
NCBI Official Full Name	alpha-synuclein isoform NACP140
NCBI Official Synonym Full Names	synuclein alpha
NCBI Official Symbol	SNCA
NCBI Official Synonym Symbols	PD1; NACP; PARK1; PARK4
NCBI Protein Information	alpha-synuclein
UniProt Protein Name	Alpha-synuclein
UniProt Gene Name	SNCA
UniProt Synonym Gene Names	NACP; PARK1; NACP
UniProt Entry Name	SYUA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/alpha-synuclein-antibody-clone-5c6-western-blot-immunohistochemistry-elisa/249045>