

Mouse Synuclein alpha Monoclonal Antibody | anti-SNCA antibody

Synuclein alpha Mouse Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA330078	Mouse	Human, Mouse, Rat Prediction: Pig, Bovine, Horse, Rabbit, Dog	Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

Synuclein alpha; Monoclonal Antibody; Synuclein alpha Mouse Monoclonal Antibody; Alpha synuclein; Alpha-synuclein; isoform NACP140; alphaSYN; MGC105443; MGC110988; MGC127560; MGC64356; NACP; Non A beta component of AD amyloid; Non A4 component of amyloid; Non A4 component of amyloid precursor; Non-A beta component of AD amyloid; Non-A-beta component of alzheimers disease amyloid; precursor of; Non-A4 component of amyloid precursor; Non-A4 component of amyloid; OTTHUMP00000218549; OTTHUMP00000218551; OTTHUMP00000218552; OTTHUMP00000218553; OTTHUMP00000218554; PARK 1; PARK 4; PARK1; PARK4; Parkinson disease (autosomal dominant; Lewy body) 4; Parkinson disease familial 1; SNCA; Snca synuclein; alpha (non A4 component of amyloid precursor); SYN; Synuclein alpha 140; Synuclein; SYUA_HUMAN; anti-SNCA antibody

PRODUCT SPECIFICATIONS

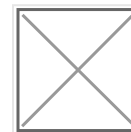
Host	Mouse
Reactivity	Human, Mouse, Rat Prediction: Pig, Bovine, Horse, Rabbit, Dog
Clonality	Monoclonal
Isotype	Mouse IgG1
Specificity	Synuclein alpha Antibody detects endogenous levels of total Synuclein alpha.
Purity/Purification	Affinity-chromatography.
Form/Format	Mouse IgG1 in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence	MDVFMKGLSK AKEGVVAAAE KTKQGVAAEA GKTKEGVLYV GSKTKEGVVH GVATVAEKTQ EQVTNVGGAV VTGVTAVAQK TVEGAGSIAA ATGFVKKQDL GKNEEGAPQE GILEDMPVDP DNEAYEMPSE EGYQDYEPEA
Applicable Applications for anti-SNCA antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human Synuclein alpha, corresponding to a region within C-terminal amino acids.
Conjugation	Unconjugated
Expression	Highly expressed in presynaptic terminals in the central nervous system. Expressed principally in brain.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)

at 1/100 staining rat brain tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4 degree C overnight. An HRP conjugated anti-Mouse antibody was used as the secondary antibody.



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WB (Western Blot)

Western blot analysis of extracts from mouse brain tissue using Synuclein alpha Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-SNCA antibody	SNCA a member of the synuclein family. Abundantly expressed in the brain. Inhibits phospholipase D2 selectively. May integrate presynaptic signaling and membrane trafficking. Implicated in the pathogenesis of Parkinson's disease. A major component of amyloid plaques in the brains of patients with Alzheimer's disease. Two alternatively spliced isoforms transcripts have been identified.
Product Categories/Family for anti-SNCA antibody	Primary antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	6622
UniProt Accession #	P37840
Molecular Weight	18kD; 14kD(Calculated)

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/synuclein-alpha-antibody-immunohistochemistry-western-blot-elisa/330078>