

a-synuclein Antibody | anti-SNCA antibody

a-synuclein, Monoclonal Antibody, Mouse

CATALOG # AAA76431	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot, Immunofluorescence
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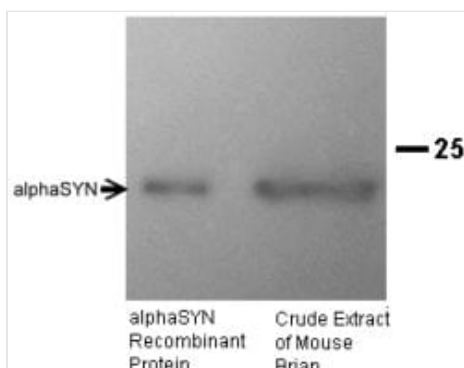
PRODUCT SYNONYMS

a-synuclein; Monoclonal Antibody; Mouse; anti-SNCA antibody

PRODUCT SPECIFICATIONS

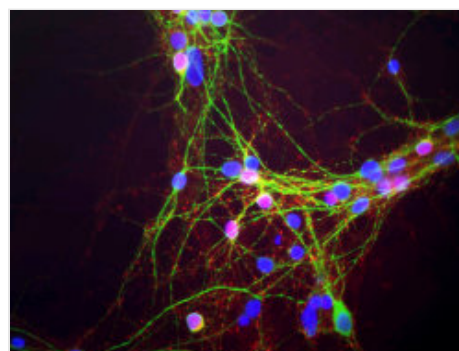
Reactivity	Human, Mouse, Rat
Form/Format	Ascites Fluid - Liquid
Sequence Length	13
Applicable Applications for anti-SNCA antibody	WB (Western Blot), IF (Immunofluorescence)
Type Info	Mouse IgG

IMAGES



Application Data

Image: blots alpha-synuclein antibody on recombinant alpha-synuclein (left lane) and crude extract of mouse brain (right lane, courtesy Rogan Tinsley, Howard Florey Institute, University of Melbourne).



Application Data

Image: Mixed neuron-glia cultures stained with alpha-synuclein (red) and chicken polyclonal antibody to MAP2 (green). The alpha-synuclein antibody stains vesicular structures the perikarya and processes of the neurons in this Note that some of the neuronal perikarya contain much more alpha-synuclein than others. The blue channel shows the localization of DNA. Protocol on Data-sheet.

ADDITIONAL INFORMATION

Related Product Information for anti-SNCA antibody	Note: This antibody will also bind human alpha-synuclein containing the A30P and A53T mutations. Alpha synuclein is a member of the synuclein family, the other two proteins being beta and gamma synuclein. Alpha synuclein was originally isolated as a major synaptic vesicle associated protein from the electric organ of the fish Torpedo (1). Direct homologues of alpha-synuclein are found in all vertebrates. Later work connected alpha-synuclein with human brain pathology, when a protein originally identified as a component of NAC, the "Non-Amyloid beta Component of Alzheimer's disease amyloid" proved to be a peptide derived from alpha-synuclein (2).
Product Categories/Family for anti-SNCA antibody	Antibodies; Neurodegenerative Disease; alpha Synuclein

NCBI AND UNIPROT INFORMATION

NCBI GI #	46242542
NCBI GeneID	6622
Molecular Weight	13,109 Da
NCBI Official Full Name	alpha synuclein, partial
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/human-mouse-rat-antibody/a-synuclein/76431>