

Rabbit SNCA Polyclonal Antibody | anti-SNCA antibody

SNCA Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40657	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

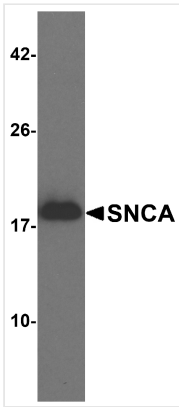
PRODUCT SYNONYMS

SNCA; Polyclonal Antibody; SNCA Antibody; PD1; NACP; PARK1; PARK4; Alpha-synuclein; Non-A beta component of AD amyloid; synuclein; alpha (non A4 component of amyloid precursor); anti-SNCA antibody

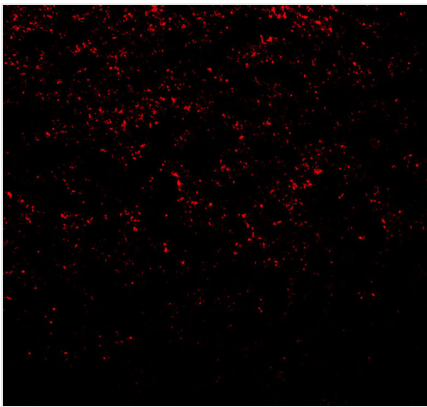
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	SNCA antibody is human, mouse and rat reactive. At least three isoforms of SNCA are known to exist.
Purity/Purification	SNCA antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	112
Applicable Applications for anti-SNCA antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	SNCA antibody was raised against a 19 amino acid peptide near the carboxy terminus of human SNCA. The immunogen is located within the last 50 amino acids of SNCA.
Buffer	SNCA antibody is supplied in PBS containing 0.02% sodium azide.
Homology	Predicted species reactivity based on immunogen sequence: Pig: (100%), Bovine: (100%)
Preparation and Storage	Antibody can be stored at 4°C up to one year. Antibodies should not be exposed to prolonged high temperatures.

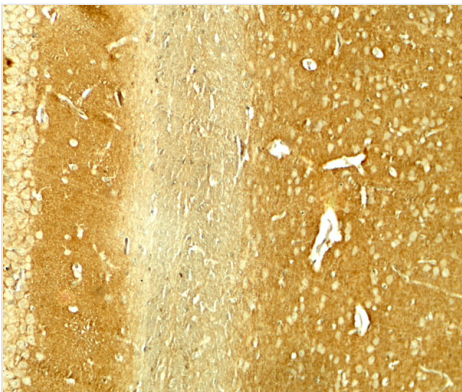
IMAGES



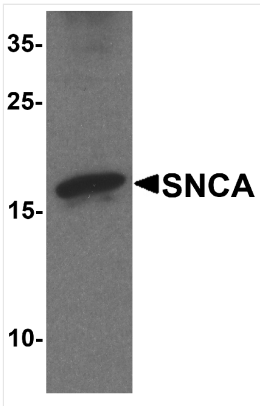
WB (Western Blot)
Western blot analysis of 1 ng of recombinant human SNCA with SNCA antibody at 1 μg/ml.



IF (Immunofluorescence)
Immunofluorescence of SNCA in rat brain tissue with SNCA antibody at 20 μg/ml.



IHC (Immunohistochemistry)
Immunohistochemistry of SNCA in rat brain tissue with SNCA antibody at 5 μg/ml.



WB (Western Blot)
Western blot analysis of SNCA in mouse cerebellum tissue lysate with SNCA antibody at 1 μg/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-SNCA antibody	Alpha-Synuclein (SNCA) is a hallmark of Alzheimer's disease (1,2). It is a cytoplasmic protein that is predominantly expressed in the central nervous system (2). SNCA reduces neuronal responsiveness to various apoptotic stimuli, leading to the decreased caspase-3 activation. SNCA may be involved in the regulation of dopamine release and transport and induces fibrillization of microtubule-associated protein tau (3). Defects in SNCA are associated with familial Parkinson's disease (4,5).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6806898
NCBI GeneID	6622
NCBI Accession #	NP_000336
NCBI GenBank Nucleotide #	NM_007308.2
UniProt Accession #	P37840; Q13701; Q4JHI3; Q6IAU6; A8K2A4
Molecular Weight	Predicted: 12 kDa Observed: 16 kDa
NCBI Official Full Name	alpha-synuclein isoform NACP112
NCBI Official Synonym Full Names	synuclein, alpha (non A4 component of amyloid precursor)

NCBI Official Symbol	SNCA
NCBI Official Synonym Symbols	PD1; NACP; PARK1; PARK4
NCBI Protein Information	alpha-synuclein; synuclein alpha-140; non A-beta component of AD amyloid
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/polyclonal/snca-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/40657>