

Rabbit SNCA/Alpha-Synuclein Polyclonal Antibody | anti-SNCA antibody

SNCA/Alpha-Synuclein Rabbit anti-Human Polyclonal (N-Terminus) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA163100	Rabbit	Chicken, Sheep, Mouse, Dog, Rat, Pig, Human	Western Blot, Immunohistochemistry

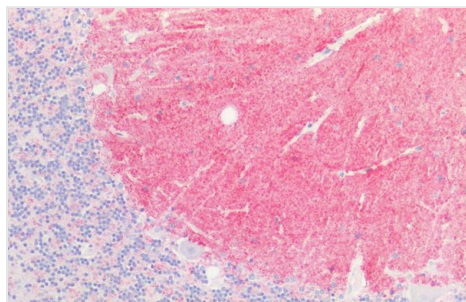
PRODUCT SYNONYMS

SNCA/Alpha-Synuclein; Polyclonal Antibody; SNCA/Alpha-Synuclein Rabbit anti-Human Polyclonal (N-Terminus) Antibody; PathPlus SNCA/Alpha-Synuclein Antibody (N-Terminus); SNCA; Alpha-synuclein; PARK4; PD1; Synuclein alpha-140; NACP; PARK1; aSynuclein; α-Synuclein; anti-SNCA antibody

PRODUCT SPECIFICATIONS

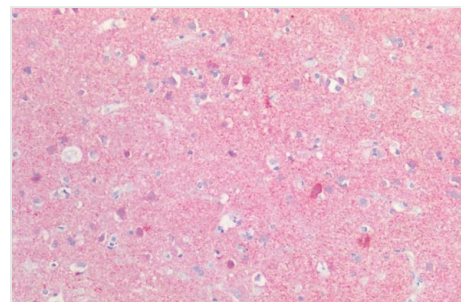
Host	Rabbit
Reactivity	Chicken, Sheep, Mouse, Dog, Rat, Pig, Human
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of Alpha-synuclein protein.
Purity/Purification	Immunoaffinity purified
Form/Format	PBS, pH7.3, 0.01% Sodium Azide, 30% Glycerol
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-SNCA antibody	WB (Western Blot), IHC (Immunohistochemistry)
Target	Human SNCA/Alpha-Synuclein
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the N-Terminus of human Alpha-synuclein.
Conjugation	Unconjugated
Epitope	N-Terminus
Preparation and Storage	Store at -20 degree C. Aliquot to avoid freeze/thaw cycles.

IMAGES



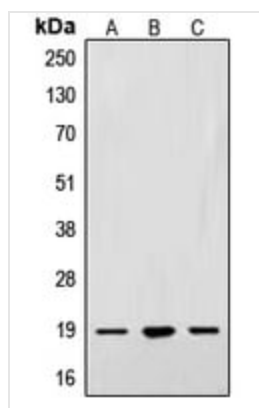
IHC (Immunohistochemistry)

SNCA/Alpha-Synuclein Antibody-Human Brain, Cerebellum: Formalin-Fixed, Paraffin-Embedded (FFPE)



IHC (Immunohistochemistry)

SNCA/Alpha-Synuclein Antibody-Human Brain, Cortex: Formalin-Fixed, Paraffin-Embedded (FFPE)



WB (Western Blot)
 SNCA/Alpha-Synuclein Antibody-Western blot analysis of Alpha-synuclein expression in A549 (A); SKNSH (B); PC12 (C) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-SNCA antibody	Alpha-Synuclein antibody is an unconjugated rabbit polyclonal antibody to Alpha-Synuclein (SNCA)(N-Terminus) from human. It is reactive with human, mouse, rat and other species. Validated for IHC and WB. SNCA (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 and aggregations of the protein as Lewy bodies/neurites are part of the pathogenesis of Parkinson disease, dementia, Alzheimer's disease and multiple system atrophy. SNCA peptides are a major component of amyloid plaques in the brains of patients with Alzheimer's disease. In normal tissue, SNCA is expressed in presynaptic peripheral nerve terminals in the central nervous system, and has some positivity in bone marrow, the kidney, soft tissue and skin.
References	Front Mol Neurosci. 2018; 11: 391, PMID: 30410434; Alzheimers Res Ther. 2014 Oct 27;6(5):73, PMID: 25580161; Parkinsons Dis. 2016; 2016: 1720621, PMID;

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507109
NCBI GeneID	6622
NCBI Accession #	NP_000336.1
NCBI GenBank Nucleotide #	NM_000345
UniProt Accession #	P37840 ; Q13701 ; Q4JHI3 ; Q6IAU6 ; A8K2A4
Molecular Weight	14,460 Da
NCBI Official Full Name	alpha-synuclein isoform NACP140
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-alpha-synuclein-antibody-western-blot-immunohistochemistry-elisa/163100>