

Rabbit SNCA-Y136 Antibody | anti-SNCA antibody

Phospho-SNCA-Y136 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA37369	Rabbit	Human, Mouse, Rat	Immunofluorescence, Western Blot

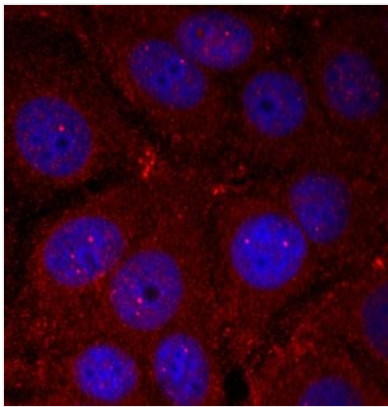
PRODUCT SYNONYMS

SNCA-Y136; Phospho-SNCA-Y136 Polyclonal Antibody; Phospho-SNCA-Y136: PD1; NACP; PARK1; PARK4; anti-SNCA antibody

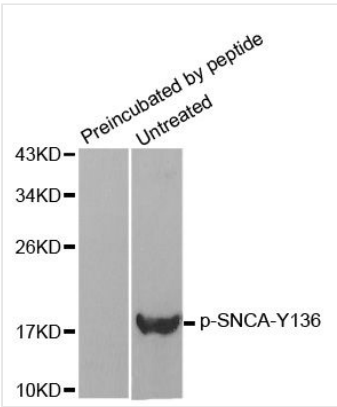
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.05% proclin300, 50% glycerol, pH7.3.
Concentration	1mg/ml (varies by lot)
Sequence Length	140
Applicable Applications for anti-SNCA antibody	IF (Immunofluorescence), WB (Western Blot)
Species	Human
Route	Synthetic Peptide
Immunogen	A phospho specific peptide corresponding to residues surrounding Y136 of human SNCA
Calculated Molecular Weight	18kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



IF (Immunofluorescence)
Immunofluorescence staining of methanol-fixed HeLa cells using Phospho-SNCA-Y136 antibody.



WB (Western Blot)
Western blot analysis of extracts from mouse brain tissue using Phospho-SNCA-Y136 antibody and the same antibody preincubated with blocking peptide. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA.

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. Four alternatively spliced transcripts encoding two different isoforms have been identified for this gene.
Product Categories/Family for anti-SNCA antibody	Phosphorylation

NCBI AND UNIPROT INFORMATION

NCBI GI #	586067
NCBI GeneID	6622
UniProt Accession #	P37840; Q13701; Q4JHI3; Q6IAU6; A8K2A4
Molecular Weight	140
NCBI Official Full Name	Alpha-synuclein
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.

