

Rabbit alpha Synuclein Monoclonal Antibody | anti-SNCA antibody

alpha Synuclein (Phospho-S129) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA29788	Rabbit	Human, Mouse, Rat	Western Blot, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Flow Cytometry, Functional Assay

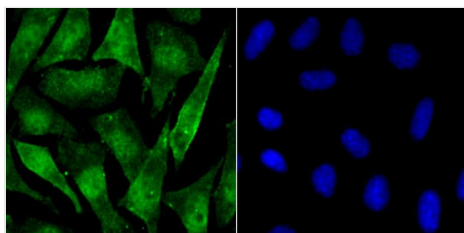
PRODUCT SYNONYMS

alpha Synuclein; Monoclonal Antibody; alpha Synuclein (Phospho-S129) Antibody; Alpha synuclein antibody; Alpha-synuclein antibody; Alpha-synuclein; isoform NACP140 antibody; alphaSYN antibody; MGC105443 antibody; MGC110988 antibody; MGC127560 antibody; MGC64356 antibody; NACP antibody; Non A beta component of AD amyloid antibody; Non A4 component of amyloid antibody; Non A4 component of amyloid precursor antibody; Non-A beta component of AD amyloid antibody; Non-A-beta component of alzheimers disease amyloid; precursor of antibody; Non-A4 component of amyloid precursor antibody; Non-A4 component of amyloid; OTTHUMP00000218549 antibody; OTTHUMP00000218551 antibody; OTTHUMP00000218552 antibody; OTTHUMP00000218553 antibody; OTTHUMP00000218554 antibody; PARK 1 antibody; PARK 4 antibody; PARK1 antibody; PARK4 antibody; Parkinson disease (autosomal dominant; Lewy body) 4 antibody; Parkinson disease familial 1 antibody; SNCA antibody; Snca synuclein; alpha (non A4 component of amyloid precursor) antibody; SYN antibody; Synuclein alpha antibody; Synuclein alpha 140 antibody; Synuclein; SYUA_HUMAN antibody; anti-SNCA antibody

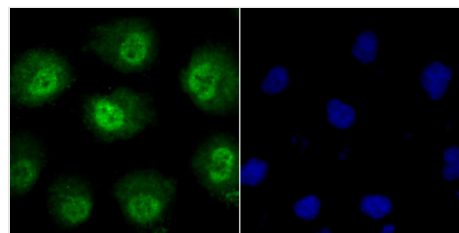
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	JB22-44
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-SNCA antibody	WB (Western Blot), ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Application Notes	IHC: 1:50-1:200 ICC: 1:50-1:200
Antibody Type	Recombinant Antibody
Immunogen	Synthetic phospho-peptide corresponding to residues surrounding Ser129 of human alpha Synuclein.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

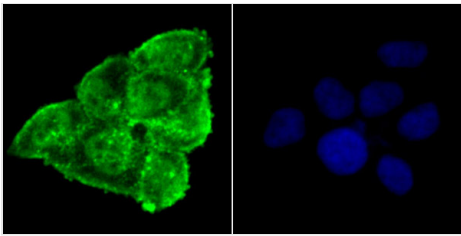
IMAGES


ICC (Immunocytochemistry)

ICC staining Phospho-alpha Synuclein (S129) in SH-SY-5Y cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

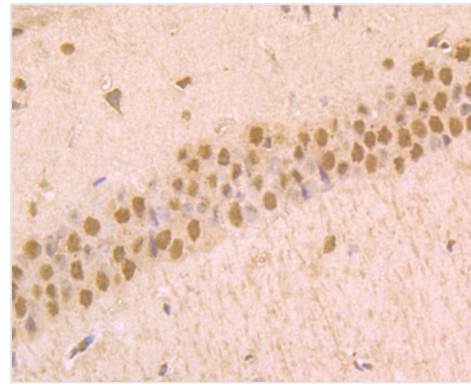

ICC (Immunocytochemistry)

ICC staining Phospho-alpha Synuclein (S129) in HUVEC cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



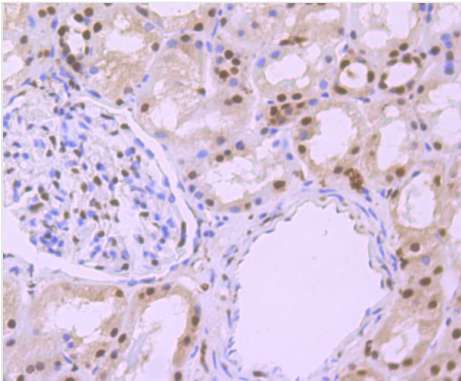
ICC (Immunocytochemistry)

ICC staining Phospho-alpha Synuclein (S129) in HeLa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



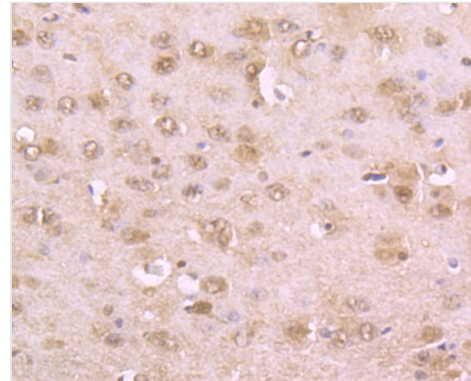
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded mouse brain tissue using anti-Phospho-alpha Synuclein (S129) antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-Phospho-alpha Synuclein (S129) antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded rat brain tissue using anti-Phospho-alpha Synuclein (S129) antibody. Counter stained with hematoxylin.

ADDITIONAL INFORMATION

Related Product Information for anti-SNCA antibody	The synuclein family members, including alpha-synuclein (also designated NACP for non-beta-Amyloid component) and beta-synuclein, are predominantly expressed in the brain and are speculated to be involved in synaptic regulation and neuronal plasticity. alpha-synuclein is localized to neuronal cell bodies and synapses. alpha-synuclein was first identified as a component of Alzheimer's disease amyloid plaques. Abnormal platelet function in Alzheimer's disease has been demonstrated. During megakaryocytic differentiation alpha-synuclein has been found to be upregulated, while beta-synuclein is downregulated, indicating that coordinate expression of synucleins may be important during hematopoietic cell differentiation. A mutant form of alpha-synuclein has been found in patients with early onset Parkinson's disease.
Product Categories/Family for anti-SNCA antibody	Phospho-specific Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507109
NCBI GeneID	6622
NCBI Accession #	NP_000336.1
NCBI GenBank Nucleotide #	NM_000345.3
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/monoclonal/alpha-synuclein-antibody-clone-jb22-44-western-blot-immunocytochemistry-immunofluorescence-immunohistochemistry-flow-cytometry-elisa/29788>