

alpha-Synuclein Antibody | anti-SYN antibody

alpha-Synuclein (Phospho-Ser129) Antibody

CATALOG # AAA111254	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot
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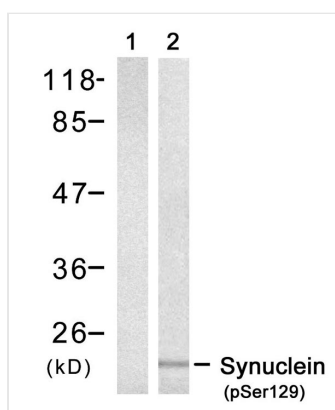
PRODUCT SYNONYMS

alpha-Synuclein; alpha-Synuclein (Phospho-Ser129) Antibody; anti-SYN antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	alpha-Synuclein (phospho-Ser129) antibody detects endogenous levels of alpha-Synuclein only when phosphorylated at serine 129.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	140
Applicable Applications for anti-SYN antibody	WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human alpha-Synuclein around the phosphorylation site of serine 129 (M-P-SP-E-E).
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES



WB (Western Blot)

Western blot analysis of extract from mouse brain tissue, using alpha-Synuclein (phospho-Ser129) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-SYN antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
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References	Jakowec MW, et al.(2001)Dev Neurosci.23(2):91-9. Kitamura Y, et al.(2001)Brain Res.898(1):181-5. El-Agnaf OM, et al.(2006)FASEB J.20(3):419-25.
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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	13,109 Da
NCBI Official Full Name	alpha-synuclein isoform NACP140
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

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/syn-human-mouse-rat-antibody/alpha-synuclein/111254>