



Magic™ Anti-alpha Synuclein (Phospho S129) monoclonal antibody, clone NKG-S24 (9-9) (DCABH-5202)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Rabbit monoclonal to alpha Synuclein (phospho S129)
Antigen Description	May be involved in the regulation of dopamine release and transport. Induces fibrillization of microtubule-associated protein tau. Reduces neuronal responsiveness to various apoptotic stimuli, leading to a decreased caspase-3 activation.
Specificity	This antibody only detects alpha Synuclein phosphorylated on Ser129.
Target	alpha Synuclein
Immunogen	Synthetic phosphopeptide, corresponding to residues surrounding Serine 129 of Human alpha Synuclein (UniProt: P37840).
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	NKG-S24 (9-9)
Conjugate	Unconjugated
Applications	WB
Positive Control	Recombinant alpha-synuclein, expressed in BL21 bacterial cells in the presence of Human Polo-Like Kinase 2; HEK whole cell lysates, stably-transfected with Polo-Like Kinase 2 and alpha Synuclein.

Format	Liquid
Size	100 µl
Buffer	Preservative: 0.01% Sodium azide; Constituents: 50% Glycerol, 0.05% BSA
Preservative	0.01% Sodium Azide
Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C long term. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	SNCA synuclein, alpha (non A4 component of amyloid precursor) [Homo sapiens]
Official Symbol	SNCA
Synonyms	SNCA; synuclein, alpha (non A4 component of amyloid precursor); PARK1, PARK4, Parkinson disease (autosomal dominant, Lewy body) 4; alpha-synuclein; alpha synuclein; NACP; PD1; synuclein alpha-140; non A-beta component of AD amyloid; PARK1; PARK4; MGC1109
Entrez Gene ID	6622
Protein Refseq	NP_000336
UniProt ID	P37840
Chromosome Location	4q21.3-q22
Pathway	Alpha-synuclein signaling, organism-specific biosystem; Alzheimers disease, organism-specific biosystem; Alzheimers disease, conserved biosystem; Amyloids, organism-specific biosystem; Disease, organism-specific biosystem; EGFR1 Signaling Pathway, organism-specific biosystem; Parkinsons disease, organism-specific biosystem;
Function	Hsp70 protein binding; alpha-tubulin binding; arachidonic acid binding; calcium ion binding; copper ion binding; cysteine-type endopeptidase inhibitor activity involved in apoptotic process; dynein binding; NOT fatty acid binding; ferrous iron binding; hi