



Magic™ Anti-alpha Synuclein (Phospho Y125) polyclonal antibody (DPABH-25100)

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

PRODUCT INFORMATION

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	DPABH-25100 detects alpha Synuclein only when phosphorylated at tyrosine 125.
Target	alpha Synuclein
Immunogen	Synthetic peptide conjugated to KLH, surrounding phosphorylation site of Tyrosine 125 (E-A-Yp-E-M) derived from Human alpha Synuclein (NP_000336.1).
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB, ICC/IF
Format	Liquid
Size	100 µg
Buffer	pH: 7.40; Constituents: 49% PBS, 50% Glycerol, 0.88% Sodium chloride. Note: PBS is without Mg2+ and Ca2+.
Preservative	0.02% Sodium Azide

Storage

Store at -20°C. Stable for 12 months at -20°C

GENE INFORMATION

Gene Name	SNCA synuclein, alpha (non A5 component of amyloid precursor) [Homo sapiens]
Official Symbol	SNCA
Synonyms	SNCA; synuclein, alpha (non A4 component of amyloid precursor); PD1; NACP; PARK1; PARK4; alpha-synuclein; synuclein alpha-140; non A-beta component of AD amyloid;
Entrez Gene ID	6622
Protein Refseq	NP_000336.1
UniProt ID	P37840
Pathway	Alpha-synuclein signaling; Alzheimers disease; Amyloids; EGFR1 Signaling Pathway
Function	Hsp70 protein binding; alpha-tubulin binding; beta-tubulin binding; calcium ion binding