



Rabbit Anti-SNCB, SNCA monoclonal antibody, clone TU16-32 (CABT-L679)

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

PRODUCT INFORMATION

Target	alpha+beta Synuclein
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Clone	TU16-32
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB, ICC/IF, IHC, FC
Molecular Weight	18 kDa
Cellular Localization	Cytoplasm, Nucleus, Membrane, Secreted, Cell junction.
Positive Control	N2A, SH-SY-5Y, HeLa, rat brain tissue, mouse brain tissue.
Format	Liquid
Size	100 µl
Buffer	1×TBS (pH7.4), 1% BSA, 40% Glycerol.
Preservative	0.05% Sodium Azide

Storage	Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
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BACKGROUND

Introduction	The synucleins, including α -synuclein (also designated NACP for nonamyloid component precursor), β -synuclein (also designated PNP 14 for phospho-neuroprotein 14) and γ -synuclein (also designated persyn or BCSG1 for breast cancer-specific gene 1) are presynaptic proteins abundant in neurons. Synucleins are predominantly expressed in the brain and are speculated to be involved in synaptic regulation and neuronal plasticity. α -Synuclein, identified as a component of Alzheimer's disease amyloid plaques, is localized to neuronal cell bodies and synapses. Coordinate expression of α -synuclein and β -synuclein may be important during hematopoietic cell differentiation. A mutant form of α -synuclein is found in patients with early onset Parkinson's disease. γ -Synuclein is associated with axonal pathology in Parkinson's disease.
Keywords	Alpha synuclein;Beta synuclein;NACP;Non A beta component of AD amyloid;PARK1;PARK4;PD1;SNCA;SNCB;Synuclein alpha;Synuclein beta antibody
