

Polyclonal Antibody to Synuclein (pan) - Purified

Catalog No.:	AP15809PU-S
Quantity:	0.1 ml
Background:	Synucleins are small, soluble proteins expressed primarily in neural tissue and in certain tumors. The family includes three known proteins: alphasynuclein, beta-synuclein, and gamma-synuclein. The alpha- and betasynuclein proteins are found primarily in brain tissue, where they are seen mainly in presynaptic terminals. The gamma-synuclein protein is found primarily in the peripheral nervous system and retina, but its expression in breast tumors is a marker for tumor progression.
Uniprot ID:	P37840
NCBI:	NP_000336
GeneID:	6622
Host:	Rabbit
Immunogen:	A synthetic peptide corresponding to near N-terminal of Human alpha, beta, gamma-Synuclein protein.
Format:	State: Liquid purified IgG fraction Purification: Immunoaffinity Chromatography Buffer System: PBS, pH 7.6 with 1% BSA and 0.09% Sodium Azide
Applications:	Immunohistochemistry on Paraffin Sections: 1/50 for 10 min at RT. Staining of Formalin-Fixed tissues requires boiling tissue sections in 10mM citrate buffer, pH 6.0 for 10 min followed by cooling at RT for 20 min. Slides must be washed in between steps. Rinse slides with PBS/0.05% Tween. Positive Control: Brain. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	Pan-Synuclein. Cellular Localisation: Cytoplasm, presynaptic terminals.
Species Reactivity:	Tested: Human. Expected from sequence similarity: Rat.
Add. Information:	Molecular Weight: 14 kDa
Storage:	Store the antibody undiluted at 2–8°C. DO NOT FREEZE! Shelf life: One year from despatch.

Pictures:

Human brain stained with Anti-pan-Synuclein antibody

