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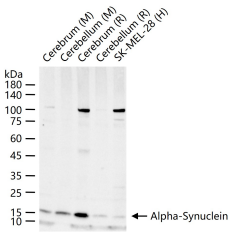
Alpha-Synuclein Rabbit pAb

Catalog Number:	bs-0968R
Target Protein:	Alpha-Synuclein
Concentration:	1mg/ml
Form:	Liquid
Host:	Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Applications:	WB (1:500-2000)
Reactivity:	Human, Mouse, Rat
Predicted MW:	14 kDa
Subcellular Locations:	Cell membrane ,Cytoplasm ,Nucleus
Purification:	affinity purified by Protein A
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Background:	Alpha-synuclein is a member of the synuclein family, which also includes beta- and gamma-synuclein. Synucleins are abundantly expressed in the brain and alpha- and beta-synuclein inhibit phospholipase D2 selectively. SNCA may serve to integrate presynaptic signaling and membrane trafficking. Defects in SNCA have been implicated in the pathogenesis of Parkinson disease. SNCA peptides are a major component of amyloid plaques in the brains of patients with Alzheimer's disease. Alternatively spliced transcripts encoding different isoforms have been identified for this gene. [provided by RefSeq, Feb 2016].

VALIDATION IMAGES



25 ug total protein per lane of various lysates (see on figure) probed with Alpha-Synuclein polyclonal antibody, unconjugated (bs-0968R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.

PRODUCT SPECIFIC PUBLICATIONS

[IF=13.273] Danmin Lin. et al. Brain-targeted gene delivery of ZnO quantum dots nanoplatform for the treatment of Parkinson disease. Chem Eng J. 2022 Feb;429:132210 WB ; Human . 10.1016/j.cej.2021.132210

[IF=11.092] Yifei Gao. et al. NIR-Assisted MgO-Based Polydopamine Nanoparticles for Targeted Treatment of Parkinson's Disease Through the Blood-Brain Barrier. ADV HEALTHC MATER. 2022 Sep;:2201655 IF ; Human . 36153843

[IF=4.414] Liu, Zhan. et al. Kaemperfol Protects Dopaminergic Neurons by Promoting mTOR-Mediated Autophagy in Parkinson’s Disease Models. NEUROCHEM RES. 2022 Dec;:1-17 IF,WB ; Mouse, Rat . 36469163

[IF=1.049] Susumu IWAIDE. et al. Species-barrier on the cross-species oral transmission of bovine AA amyloidosis in mice. 2021 Apr 28 IHC ; Mouse . 33907055