Alpha Synuclein Rabbit mAb

Catalog No: #49813

Package Size: #49813-1 50ul #49813-2 100ul



Orders: order@signalwayantibody.com Support: tech@signalwayantibody.com

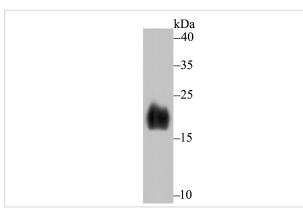
Product NameAlpha Synuclein Rabbit mAbHoot SpeciesRecombinant RabbitClonalityMonoclonal antibodyClonalityBd82-33PurificationSMC/G.F.I.HCL/P.F.CSpecies ReactivityMin. SuImmunogen DescriptionRecombinant proteinOther NamesAlpha synuclein antibodyAlpha Synuclein antibodyNapha synuclein antibodyNarbodyNach Acomponent of amyloid precursor antibodyNarbodyNach Acomponent of anyloid precursor antibodyNarbodyNant Acomponent of anyloid precursor antibodyNarbodyNarb Acomponent of anyloid precursor antibodyNarbodyNarb Acomponent of anyloid precursor antibodyNarbodyPARK1 antibodyNarbodyPARK1 antibodyNarbodyPARK1 antibodyNarbodyPARK1 antibodyNarbodySynuclein alpha (non Ac component of anyloid precursor) antibodyNarbodyNarbodyNarbodySynuclein alpha (non Ac component of anyloid precursor) antibod	Description	
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	Calculated MW	16 kDa
Storage Store at -20°C	Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
	Storage	Store at -20°C

Application Details

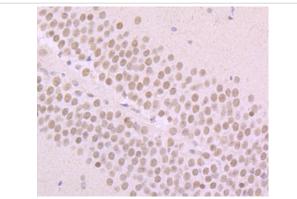
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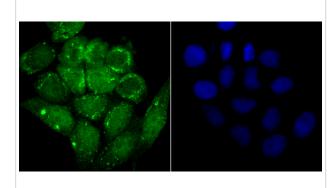
Images



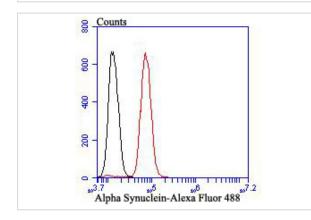
Western blot analysis of Alpha Synuclein on human fetal brain tissue lysate using anti-Alpha Synuclein antibody at 1/500 dilution.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue using anti-Alpha Synuclein antibody. Counter stained with hematoxylin.



ICC staining Alpha Synuclein in Hela cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Flow cytometric analysis of SH-SY-5Y cells with Alpha Synuclein antibody at 1/100 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti-rabbit IgG was used as the secondary antibody.

Background

The synuclein family members, including α -synuclein (also designated NACP for non- β -Amyloid component) and β -synuclein, are predominantly expressed in the brain and are speculated to be involved in synaptic regulation and neuronal plasticity. α -synuclein is localized to neuronal cell bodies and synapses. α -synuclein was first identified as a component of Alzheimer's disease amyloid plaques. Abnormal platelet function in Alzheimer's disease has been demonstrated. During megakaryocytic differentiation α -synuclein has been found to be upregulated, while β -synuclein is downregulated, indicating that coordinate expression of synucleins may be important during hematopoetic cell differentiation. A mutant form of α -synuclein has been found in patients with early onset Parkinson's disease.

Note: This product is for in vitro research use only