

Synuclein β Antibody

Catalog No: #33494

Package Size: #33494-1 50ul #33494-2 100ul

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

Description

Product Name	Synuclein β Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IHC IF
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total Synuclein β protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from human Synuclein β antibody.
Target Name	Synuclein β
Other Names	SYUB; beta-synuclein;
Accession No.	Swiss-Prot: Q16143NCBI Gene ID: 6620
Uniprot	Q16143
GeneID	6620;
SDS-PAGE MW	14kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

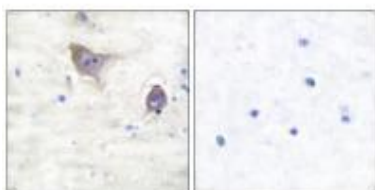
Application Details

Western blotting: 1:500~1:3000

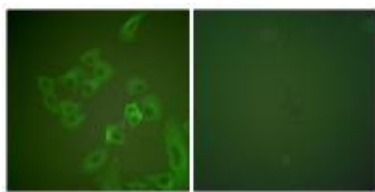
Immunohistochemistry: 1:50~1:100

Immunofluorescence: 1:100~1:500

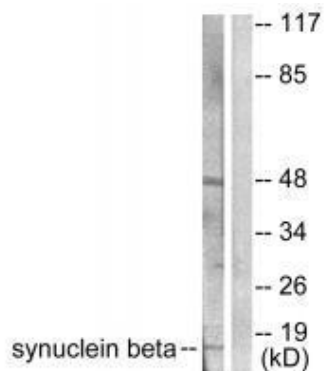
Images



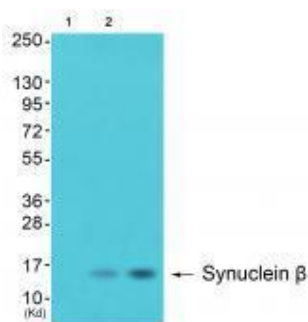
Immunohistochemical analysis of paraffin-embedded human brain tissue using Synuclein β antibody #33494.



Immunofluorescence analysis of A549 cells, using Synuclein β antibody #33494.



Western blot analysis of extracts from HeLa cells, using Synuclein β antibody #33494.



Western blot analysis of extracts from 293 cells (Lane 2) and cos-7 cells (Lane 3), using Synuclein β antibody #33494. The lane on the left is treated with synthesized peptide.

Background

Non-amyloid component of senile plaques found in Alzheimer disease. Could act as a regulator of SNCA aggregation process. Protects neurons from staurosporine and 6-hydroxy dopamine (6OHDA)-stimulated caspase activation in a p53/TP53-dependent manner. Contributes to restore the SNCA anti-apoptotic function abolished by 6OHDA. Not found in the Lewy bodies associated with Parkinson disease.

Yuxin Fan, Hum. Mol. Genet., Oct 2006; 15: 3002 - 3011.

Makoto Hashimoto, J. Biol. Chem., May 2004; 279: 23622 - 23629.

Cristine Alves da Costa, J. Biol. Chem., Sep 2003; 278: 37330 - 37335.

Heather Snyder, J. Biol. Chem., Mar 2005; 280: 7562 - 7569.

Note: This product is for in vitro research use only