∗ abeomics

35-1260: Polyclonal Antibody to Alpha-Synuclein (Phospho-Tyr133)

Clonality :	Polyclonal
Application :	WB,IF
Reactivity :	Rat,Mouse,Human
Gene :	SNCA
Gene ID :	6622
Uniprot ID :	P37840
Format :	Purified
Alternative Name :	NACP, SYN, SYUA, alpha-synuclein
lsotype :	Rabbit IgG
Immunogen Information	Peptide sequence around phosphorylation site of tyrosine 133 (E-G-Y(p)-Q-D) derived from Human a-Synuclein.

Description

SncA is a member of the synuclein family of structurally related proteins that are prominently expressed in the central nervous system, which also includes beta- and gamma-synuclein. Synucleins are abundantly expressed in the brain and SncA and Snc-Beta inhibit phospholipase D2 selectively. SncA may serve to integrate presynaptic signaling and membrane trafficking. Aggregated SncA proteins form brain lesions that are hallmarks of neurodegenerative synucleinopathies. Defects in SncA play a role in the pathogenesis of Parkinson disease. SncA peptides are a major component of amyloid plaques in the brains of patients with Alzheimer disease. SncA shares 95% sequence homology with rat SncA. Rat SncA is specifically expressed in brain and is associated with synaptosomal membranes in neurons

Product Info	
Amount :	50 μl / 100 μl
Content :	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage condition :	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Predicted MW: 18kd, Western blotting: 1:500~1:1000, Immunofluorescence: 1:100~1:200

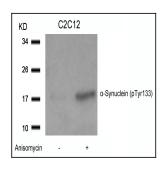


Figure 1: Western blot analysis of extracts from C2C12 cells untreated or treated with Anisomycin using a Synuclein(Phospho-Tyr133) Antibody 35-1260 .

₩ abeomics

9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982 Email: info@abeomics.com

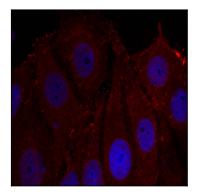


Figure 2: Immunofluorescence staining of methanol-fixed Hela cells using a-Synuclein(Phospho-Tyr133) Antibody 35-1260 .

For Research Use Only. Not for use in diagnostic/therapeutics procedures.