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35-1261: Polyclonal Antibody to Alpha-Synuclein (Phospho-Tyr136)

Clonality :	Polyclonal
Application :	WB,IF
Reactivity :	Rat,Mouse,Human
Gene :	SNCA
Gene ID :	6622
Uniprot ID :	P37840
Format :	Purified
Alternative Name :	NACP, SYN, SYUA
Isotype :	Rabbit IgG
Immunogen Information :	Peptide sequence around phosphorylation site of tyrosine 136 (Q-D-Y(p)-E-P) derived from Human a-Synuclein.

Description

May be involved in the regulation of dopamine release and transport. Soluble protein, normally localized primarily at the presynaptic region of axons, which can form filamentous aggregates that are the major non amyloid component of intracellular inclusions in several neurodegenerative diseases (synucleinopathies). Induces fibrillization of microtubule-associated protein tau. Reduces neuronal responsiveness to various apoptotic stimuli, leading to a decreased caspase-3 activation.

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

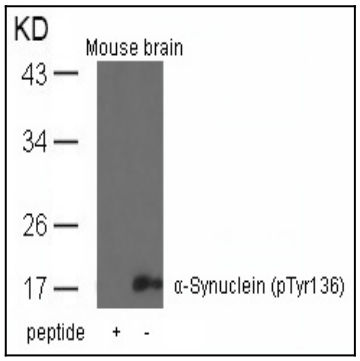

Figure 1: Western blot analysis of extracts from mouse brain tissue using a-Synuclein(Phospho-Tyr136) Antibody 35-1261 and the same antibody preincubated with blocking peptide.

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

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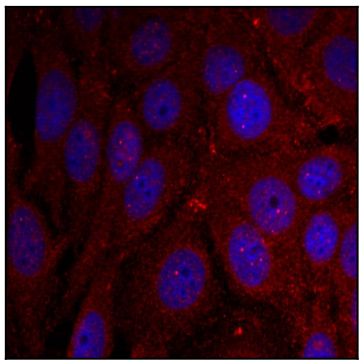

Figure 2: Immunofluorescence staining of methanol-fixed Hela cells using a-Synuclein(Phospho-Tyr136) Antibody 35-1261 .

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