

Product Datasheet

Alpha Synuclein Antibody

Catalog No: CY5129

Reactivity: Human

Isotype: Rabbit IgG

Applications: WB IHC ICC/IF IP FC



Information

UniProt ID: P37840

All Names: Alpha-synuclein; alpha synuclein; isoform NACP140; MGC110988; NACP; non A-beta component of AD amyloid; Non-A beta component of AD amyloid; non-A4 component of amyloid

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: Synthesized peptide

Molecular Wt.: 18 kDa

Application

WB: 1:500~1:2000

IHC: 1:50~1:200

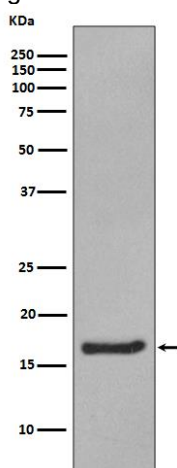
ICC/IF: 1:50~1:200

IP: 1:50

FC: 1:50

Background

May be involved in the regulation of dopamine release and transport. Induces fibrillization of microtubule-associated protein tau. Reduces neuronal responsiveness to various apoptotic stimuli, leading to a decreased caspase-3 activation. Genetic alterations of SNCA resulting in aberrant polymerization into fibrils, are associated with several neurodegenerative diseases (synucleinopathies). SNCA fibrillar aggregates represent the major non A-beta component of Alzheimer disease amyloid plaque, and a major component of Lewy body inclusions. They are also found within Lewy body (LB)-like intraneuronal inclusions, glial inclusions and axonal spheroids in neurodegeneration with brain iron accumulation type 1.



Western blot analysis of Alpha Synuclein expression in Human fetal brain lysate.

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