

A0012

Leader in Biomolecular Solutions for Life Science



α -Synuclein Rabbit pAb

Catalog No.: A0012

Basic Information

Observed MW

16kDa

Calculated MW

14kDa

Category

Polyclonal Antibody

Applications

WB

Cross-Reactivity

Mouse

Background

Alpha-synuclein is a member of the synuclein family, which also includes beta- and gamma-synuclein. Synucleins are abundantly expressed in the brain and alpha- and beta-synuclein inhibit phospholipase D2 selectively. SNCA may serve to integrate presynaptic signaling and membrane trafficking. Defects in SNCA have been implicated in the pathogenesis of Parkinson disease. SNCA peptides are a major component of amyloid plaques in the brains of patients with Alzheimer's disease. Alternatively spliced transcripts encoding different isoforms have been identified for this gene.

Recommended Dilutions

WB 1:200 - 1:2000

Immunogen Information

Gene ID

6622

Swiss Prot

P37840

Immunogen

A synthetic peptide of human alpha-Synuclein

Synonyms

PD1; NACP; PARK1; PARK4; α -Synuclein

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

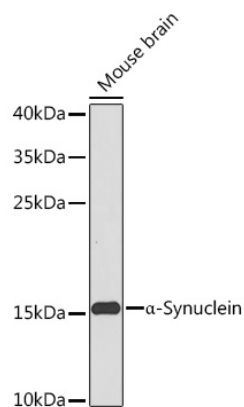
Affinity purification

Storage

Store at 4°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, pH7.3.

Validation Data



Western blot analysis of extracts of mouse brain, using α -Synuclein antibody (A0012).
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) at 1:10000 dilution.
Lysates/proteins: 25 μ g per lane.
Blocking buffer: 3% nonfat dry milk in TBST.