

Synuclein- Alpha Monoclonal Antibody

Description

Product type Primary Antibody

Code BT-MCA1177

Host Mouse

Isotype IgG

Size 50ul, 100ul

 $\label{eq:local_equation} \textbf{Immunogen} \qquad \qquad \textbf{Purified recombinant fragment of Synuclein-} \alpha \ \text{expressed in E. Coli.}$

Mol wt N/A

Species reactivity Human

Clonality Monoclonal

Recommended application WB, IHC-p, IF, ELISA

Concentration 1 mg/ml

Full name Alpha-synuclein

Synonyms SNCA; NACP; PARK1; Alpha-synuclein; Non-A beta component of AD amyloid; Non-A4 component of

amyloid precursor; NACP

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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 Dilution

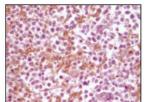
ELISA: 1:10000 IHC: 1:200 - 1:1000 WB: 1:500 - 1:2000

Not yet tested in other applications.

Images



Western Blot analysis using Synuclein-Alpha Monoclonal antibody against truncated Synuclein-Alpha recombinant protein.



Immunohistochemistry analysis of paraffin-embedded human glioma tissue, showing membrane localization with DAB staining using Synuclein-Alpha Monoclonal antibody.

Storage

-20°C for one year

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com