

alpha-Synuclein/SNCA Monoclonal Antibody(Capture)

catalog number: AN002340P

Note: Centrifuge before opening to ensure complete recovery of vial contents.

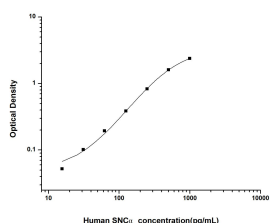
Description

Reactivity	Human
Immunogen	Recombinant Human alpha-Synuclein/SNCA protein expressed by E.coli
Host	Rat
Isotype	Rat IgM
Clone	6B2
Purification	Protein A/G Purification
Buffer	Phosphate buffered solution, pH 7.2, containing 0.05% Proclin300.

Applications Recommended Dilution

ELISA Capture	2-8 µg/mL
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Data



Sandwich ELISA-Recombinant Human alpha-Synuclein/SNCA protein standard curve. Background subtracted standard curve using alpha-Synuclein/SNCA antibody(AN002340P)(Capture), alpha-Synuclein/SNCA antibody(AN002350P)(Detector) in sandwich ELISA. The reference range value for Recombinant Human alpha-Synuclein/SNCA protein is 15.63-1000 pg/mL.

Preparation & Storage

Storage	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

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. Four alternatively spliced transcripts encoding two different isoforms have been identified for this gene.

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