

## alpha-Synuclein/SNCA Monoclonal Antibody(Capture)

**catalog number: AN002340P**

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

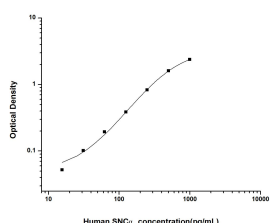
### Description

<b>Reactivity</b>	Human
<b>Immunogen</b>	Recombinant Human alpha-Synuclein/SNCA protein expressed by E.coli
<b>Host</b>	Rat
<b>Isotype</b>	Rat IgM
<b>Clone</b>	6B2
<b>Purification</b>	Protein A/G Purification
<b>Buffer</b>	Phosphate buffered solution, pH 7.2, containing 0.05% proclin 300.

### Applications Recommended Dilution

<b>ELISA Capture</b>	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

<b>Storage</b>	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles.
<b>Shipping</b>	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.

### For Research Use Only