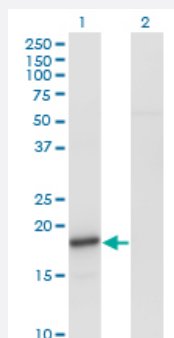


SNCA monoclonal antibody (M01), clone 2E4

Catalog # H00006622-M01

Size 100 ug

Applications

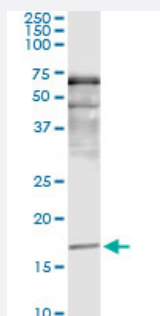


Western Blot (Transfected lysate)

Western Blot analysis of SNCA expression in transfected 293T cell line by SNCA monoclonal antibody (M01), clone 2E4.

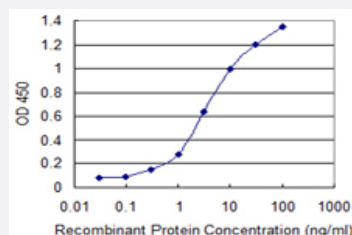
Lane 1: SNCA transfected lysate (14.5 kDa).

Lane 2: Non-transfected lysate.



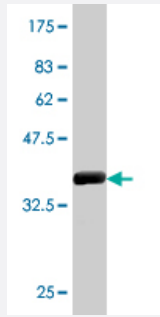
Immunoprecipitation

Immunoprecipitation of SNCA transfected lysate using anti-SNCA monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with SNCA MaxPab rabbit polyclonal antibody.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SNCA is 0.1 ng/ml as a capture antibody.



Western Blot detection against Immunogen (37.84 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant SNCA.
Immunogen	SNCA (NP_000336, 31 a.a. ~ 140 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	GKTKEGVLVGSKTKEGVVHGVATVAEKTKEQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGF VKKDQLGKNEEGAPQEGILEDMPVDPDNEAYEMPSEEGYQDYEP
Host	Mouse
Reactivity	Human
Isotype	IgG2a kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.84 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of SNCA expression in transfected 293T cell line by SNCA monoclonal antibody (M01), clone 2E4.

Lane 1: SNCA transfected lysate(14.5 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of SNCA transfected lysate using anti-SNCA monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with SNCA MaxPab rabbit polyclonal antibody.

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SNCA is 0.1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — SNCA

Entrez GeneID [6622](#)

GeneBank Accession# [NM_000345](#)

Protein Accession# [NP_000336](#)

Gene Name SNCA

Gene Alias MGC110988, NACP, PARK1, PARK4, PD1

Gene Description synuclein, alpha (non A4 component of amyloid precursor)

Omim ID [127750](#) [163890](#) [168601](#) [605543](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations OTTHUMP00000161559|OTTHUMP00000161561|alpha synuclein|alpha-synuclein|alpha-synuclein, isoform NACP140|non A-beta component of AD amyloid|non A4 component of amyloid

Disease

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- [Amphetamine-Related Disorders](#)
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- [Dementia](#)
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- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Essential tremor](#)
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