

SNCA Ab

[Images\(2\)](#)

Cat.#: BF0582	Concn.: ~1mg/ml	Mol.Wt.: 18kDa
Size: 100ul,50ul	Source: Mouse	Clonality: Monoclonal

Application:	ELISA 1:10000, WB 1:500-1:2000, IHC 1:200-1:1000 *The optimal dilutions should be determined by the end user.
Reactivity:	Human
Purification:	Affinity-chromatography.
Immunogen:	Purified recombinant fragment of human SNCA expressed in E. Coli.
Uniprot:	P37840
Description:	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. Two alternatively spliced transcripts of SNCA have been identified. Additional splicing may be present but the full-length nature of these variants has not been determined.
Storage:	Mouse IgG1 in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.



Figure 1: Western blot analysis using SNCA mouse mAb against truncated SNCA recombinant protein.

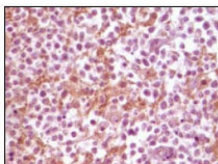


Figure 2: Immunohistochemical analysis of paraffin-embedded human glioma tissue, showing membrane localization using SNCA mouse mAb with DAB staining.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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