

## Product datasheet for **TA309078**

### alpha Synuclein (SNCA) Mouse Monoclonal Antibody [Clone ID: 3H9]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	3H9
Applications:	WB
Recommended Dilution:	WB: 1:1,000, IF: 1:500
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG
Clonality:	Monoclonal
Immunogen:	Full length human alpha synuclein expressed in E. Coli.
Formulation:	Ascites fluid + 0.01 % NaN <sub>3</sub> .
Purification:	Ascites fluid
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	15 kDa
Gene Name:	synuclein alpha
Database Link:	<a href="#">NP_000336</a> <a href="#">Entrez Gene 20617 Mouse</a> <a href="#">Entrez Gene 29219 Rat</a> <a href="#">Entrez Gene 6622 Human</a> <a href="#">P37840</a>

**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. [provided by RefSeq]

**Synonyms:** NACP; PARK1; PARK4; PD1



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Protein Families: Druggable Genome

Protein Pathways: Alzheimer's disease, Parkinson's disease

### Product images:

