

### **Product datasheet for TA309078**

### OriGene Technologies, Inc.

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

#### **Product data:**

**Product Type:** Primary Antibodies

Clone Name: 3H9
Applications: WB

**Reactivity:** 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 % NaN3.

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:** NP 000336

Entrez Gene 20617 MouseEntrez Gene 29219 RatEntrez Gene 6622 Human

P37840

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



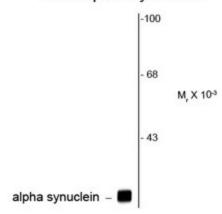


**Protein Families:** Druggable Genome

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

# **Product images:**

# Anti-alpha Synuclein



Western blot of a rat brain lysate showing specific immunolabeling of the ~15k alpha synuclein protein