



# Rabbit Anti-Human SNCA Monoclonal Antibody, Clone S12-5F2 (DMAB-JX2362062)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Target</b>	alpha Synuclein
<b>Immunogen</b>	Recombinant protein of human Alpha-synuclein
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human, Rat
<b>Clone</b>	S12-5F2
<b>Purification</b>	Affinity Purification
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB: 1/500-1/1000 IHC: 1/50-1/100 IP: 1/20 Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
<b>Format</b>	Purified, Liquid
<b>Concentration</b>	Lot specific
<b>Size</b>	20 µL, 50 µL, 100 µL
<b>Buffer</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
<b>Preservative</b>	0.01% Sodium azide

**Storage** Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

---

**Ship** Wet ice

---

## BACKGROUND

**Introduction** May be involved in the regulation of dopamine release and transport. Induces fibrillization of microtubule-associated protein tau. Reduces neuronal responsiveness to various apoptotic stimuli, leading to a decreased caspase-3 activation. Genetic alterations of SNCA resulting in aberrant polymerization into fibrils, are associated with several neurodegenerative diseases (synucleinopathies).

---

## GENE INFORMATION

**Entrez Gene ID** [6622](#)

---

**UniProt ID** [P37840](#)

---