

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human Synuclein- α in direct ELISAs and Western blots. In direct ELISAs, less than 3% cross-reactivity with recombinant human (rh) Synuclein- β and rhSynuclein- γ is observed.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant human Synuclein- α Met1-Ala140 Accession # P37840
Formulation	Lyophilized from a 0.2 μ m filtered solution in PBS with Trehalose. See Certificate of Analysis for details.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. *General Protocols* are available in the *Technical Information* section on our website.

	Recommended Concentration	Sample
Western Blot	0.1 μ g/mL	Recombinant Human Synuclein- α
Immunohistochemistry	5-15 μ g/mL	Immersion fixed paraffin-embedded sections of human spinal cord

PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.2 mg/mL in sterile PBS.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	<p>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</p> <ul style="list-style-type: none"> ● 12 months from date of receipt, -20 to -70 °C as supplied. ● 1 month, 2 to 8 °C under sterile conditions after reconstitution. ● 6 months, -20 to -70 °C under sterile conditions after reconstitution.

BACKGROUND

Synuclein- α is a cytoplasmic protein that is predominantly expressed in the central nervous system. It is a minor protein found in amyloid deposition that is a hallmark of Alzheimer's disease. Defects in SNCA are associated with familial Parkinson's disease.