

DESCRIPTION

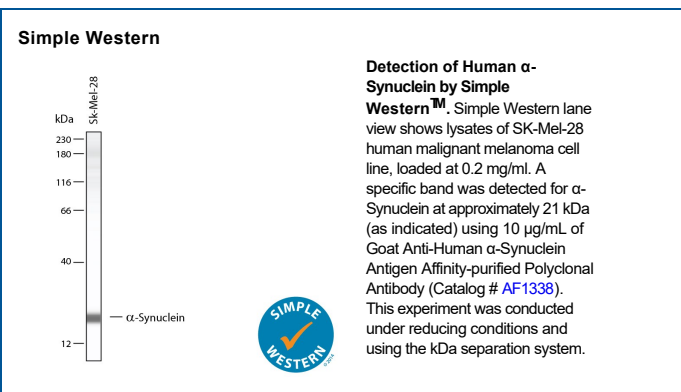
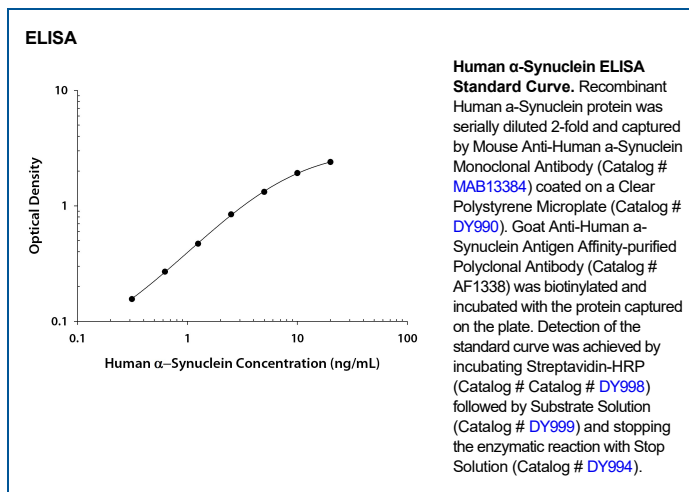
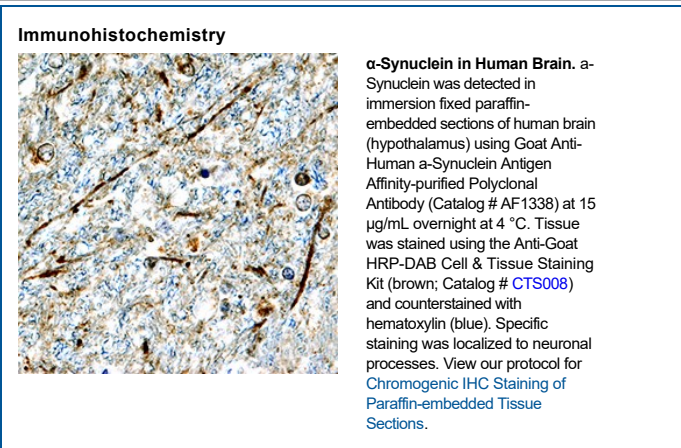
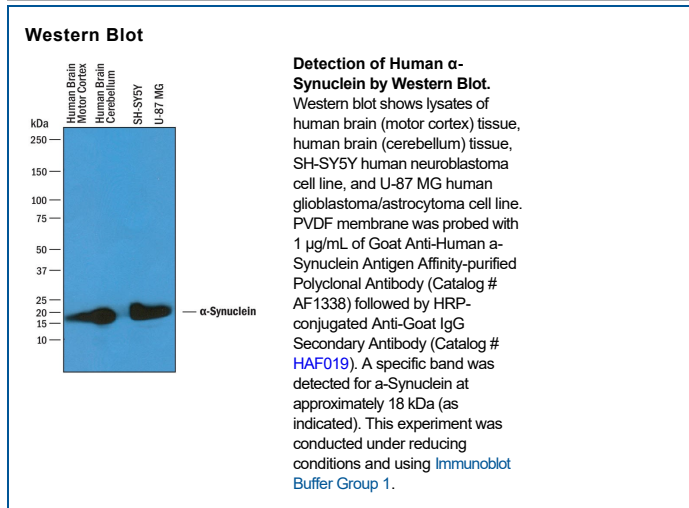
Species Reactivity	Human
Specificity	Detects human α -Synuclein in direct ELISAs and Western blots. In direct ELISAs, less than 3% cross-reactivity with recombinant human (rh) β -Synuclein and rhy-Synuclein is observed.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E.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

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	1 μ g/mL	See Below
Immunohistochemistry	5-15 μ g/mL	See Below
Simple Western	5-15 μ g/mL	Human malignant melanoma cell line
ELISA	This antibody functions as an ELISA detection antibody when paired with Mouse Anti-Human α -Synuclein Monoclonal Antibody (Catalog # MAB13384) . This product is intended for assay development on various assay platforms requiring antibody pairs. We recommend the Human alpha-Synuclein DuoSet ELISA Kit (Catalog # DY1338-05) for convenient development of a sandwich ELISA.	

DATA



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	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. <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

α -Synuclein 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.