

Product Datasheet

gamma-Synuclein Antibody [Unconjugated] AF5745-SP

Unit Size: 25 ug

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

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AF5745-SP

gamma-Synuclein Antibody [Unconjugated]

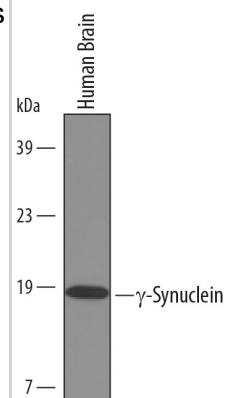
Product Information	
Unit Size	25 ug
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 °C as supplied. 1 month, 2 to 8 °C under sterile conditions after reconstitution. 6 months, -20 to -70 °C under sterile conditions after reconstitution.
Clonality	Polyclonal
Preservative	No Preservative
Reconstitution Instructions	Sterile PBS to a final concentration of 0.2 mg/mL.
Isotype	IgG
Conjugate	Unconjugated
Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. *Small pack size (SP) is supplied as a 0.2 µm filtered solution in PBS.

Product Description	
Host	Sheep
Gene ID	6623
Gene Symbol	SNCG
Species	Human
Specificity/Sensitivity	Detects human γ-Synuclein in direct ELISAs and Western blots. In direct ELISAs, less than 3% cross-reactivity with recombinant human β-Synuclein is observed.
Immunogen	E. coli-derived recombinant human γ-Synuclein Asn47-Glu120 Accession # O76070
Notes	This product is produced by and ships from R&D Systems, Inc., a Bio-Techne brand.

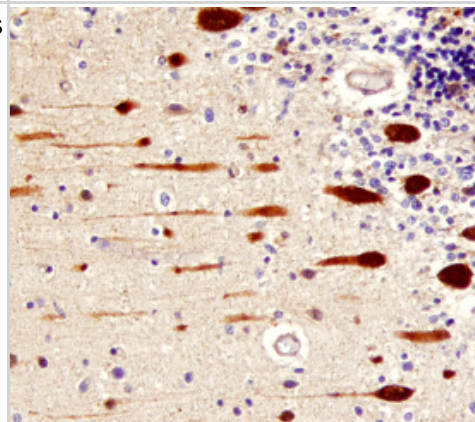
Product Application Details	
Applications	Western Blot, Immunohistochemistry
Recommended Dilutions	Western Blot 1 ug/mL, Immunohistochemistry 5-15 ug/mL

Images

Western blot shows lysates of human brain tissue. PVDF Membrane was probed with 1 µg/mL of Human γ -Synuclein Antigen Affinity-purified Polyclonal Antibody (Catalog # AF5745) followed by HRP-conjugated Anti-Sheep IgG Secondary Antibody (Catalog # [HAF016](#)). A specific band was detected for γ -Synuclein at approximately 17 kDa (as indicated). This experiment was conducted under reducing conditions and using [Immunoblot Buffer Group 9](#).



γ -Synuclein was detected in immersion fixed paraffin-embedded sections of human cerebellum using Human γ -Synuclein Antigen Affinity Purified Polyclonal Antibody (Catalog # AF5745) at 1.7 µg/mL overnight at 4 °C. Tissue was stained using the Anti-Sheep HRP-DAB Cell & Tissue Staining Kit (brown; Catalog # [CTS019](#)) and counterstained with hematoxylin (blue). View our protocol for [Chromogenic IHC Staining of Paraffin-embedded Tissue Sections](#).





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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