

Product Datasheet

alpha-Synuclein [Nitrate Tyr125, Nitrate Tyr133] Antibody (24.8) - Azide and BSA Free NBP2-80572

Unit Size: 0.1 ml

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

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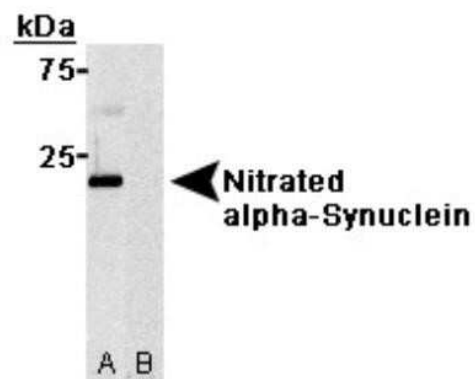
NBP2-80572

alpha-Synuclein [Nitrate Tyr125, Nitrate Tyr133] Antibody (24.8) - Azide and BSA Free

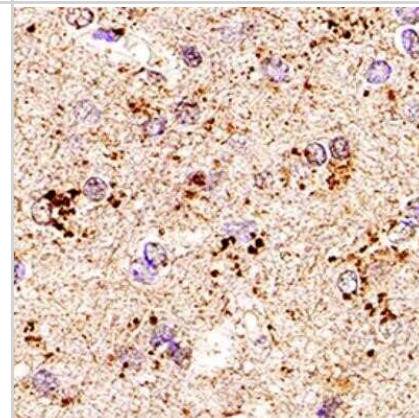
Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	24.8
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	Protein G purified
Buffer	Tris-Glycine, 0.15 M NaCl
Target Molecular Weight	14 kDa
Product Description	
Host	Mouse
Gene ID	6622
Gene Symbol	SNCA
Species	Human, Mouse
Immunogen	This alpha-Synuclein [Nitrate Tyr125, Nitrate Tyr133] Antibody (24.8) was developed against nitrated human alpha-Synuclein [Uniprot: P37840].
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:1500, Flow Cytometry 1 ug per million cells, Immunohistochemistry 1:200-1:500, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin 1:200-1:500, Immunohistochemistry-Frozen
Application Notes	This alpha-Synuclein antibody is useful for for Flow Cytometry, Immunohistochemistry paraffin embedded sections and Western blot, where a band is seen at ~14 kDa. Immunohistochemistry-Frozen was reported in scientific literature. Use in Immunofluorescence was reported in the scientific literature (PMID: 22033456).

Images

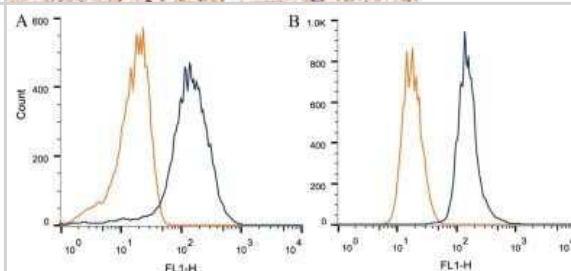
Western Blot: alpha-Synuclein Antibody (24.8) - Azide and BSA Free [NBP2-80572] - (A) Nitrated Synuclein-alpha protein and (B) Non-nitrated Synuclein-alpha protein. Image from the standard format of this antibody.



Immunohistochemistry: alpha-Synuclein Antibody (24.8) - Azide and BSA Free [NBP2-80572] - Analysis of FFPE human brain using alpha-Synuclein antibody (clone 24.8) at 1:200 on a Bond Rx autostainer (Leica Biosystems). The assay involved 20 minutes of heat induced antigen retrieval (HIER) using 10mM sodium citrate buffer (pH 6.0) and endogenous



Flow Cytometry: alpha-Synuclein Antibody (24.8) - Azide and BSA Free [NBP2-80572] - Intracellular flow cytometric staining of 1×10^6 CHO (A) and HeLa (B) cells using Synuclein-alpha [Nitrate Tyr125, Nitrate Tyr133] antibody (dark blue). Isotype control shown in orange. An antibody concentration of $1 \mu\text{g}/1 \times 10^6$ cells was used. Image from the standard format of this antibody.





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Limitations

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