

Product Datasheet

Ataxin 1 Antibody (S76-8) - BSA Free NBP2-42186

Unit Size: 0.1 mg

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

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NBP2-42186

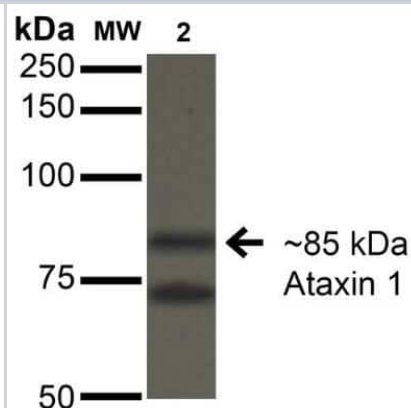
Ataxin 1 Antibody (S76-8) - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	S76-8
Preservative	0.1% Sodium Azide
Isotype	IgG2b
Purity	Protein G purified
Buffer	PBS (pH 7.4), 50% Glycerol
Product Description	
Description	Novus Biologicals Mouse Ataxin 1 Antibody (S76-8) - BSA Free (NBP2-42186) is a monoclonal antibody validated for use in IHC, WB, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	6310
Gene Symbol	ATXN1
Species	Human, Mouse, Rat
Reactivity Notes	Immunogen displays sequence identity for non-tested species: Human and Rat.
Specificity/Sensitivity	Detects approx 85kDa.
Immunogen	Synthetic peptide amino acids 164-197 (ATTPSQRSQLEAYSTLLANMGSLSQAPGHKVEPP) of mouse Ataxin-1. Rat: 100% identity (34/34 amino acids identical). Human: 88% identity (30/34 amino acids identical).
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:100, Immunoprecipitation
Application Notes	1 ug/ml of Ataxin 1 Antibody was sufficient for detection of Ataxin-1 in 20 ug of rat brain lysate by colorimetric immunoblot analysis using Goat anti-mouse IgG:HRP as the secondary Antibody.

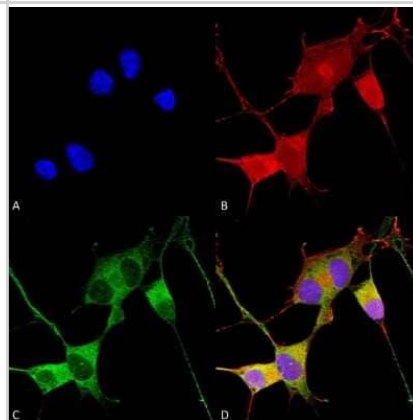


Images

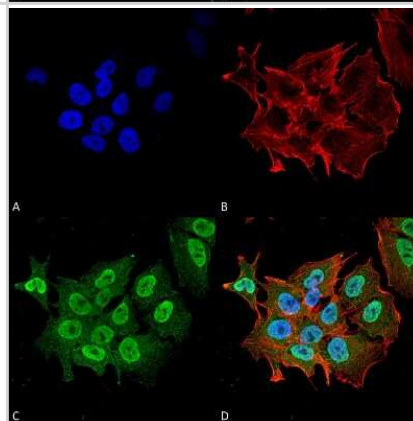
Western Blot: Ataxin 1 Antibody (S76-8) [NBP2-42186] - Western Blot analysis of Monkey COS-1 cells transfected with Ataxin- 1 showing detection of ~85 kDa Ataxin 1 protein using Mouse Anti-Ataxin 1 Monoclonal Antibody, Clone S76-8 (NBP2-42186). Lane 1: Molecular Weight Ladder. Lane 2: Monkey COS-1 cells transfected with Ataxin- 1. Load: 15 ug. Block: 2% BSA and 2% Skim Milk in 1X TBST. Primary Antibody: Mouse Anti-Ataxin 1 Monoclonal Antibody (NBP2-42186) at 1:200 for 16 hours at 4C. Secondary Antibody: Goat Anti-Mouse IgG: HRP at 1:1000 for 1 hour RT. Color Development: ECL solution for 6 min in RT. Predicted/Observed Size: ~85 kDa.



Immunocytochemistry/Immunofluorescence: Ataxin 1 Antibody (S76-8) [NBP2-42186] - Immunocytochemistry/Immunofluorescence analysis using Mouse Anti-Ataxin 1 Monoclonal Antibody, Clone S76-8 (NBP2-42186). Tissue: Neuroblastoma cells (SH-SY5Y). Species: Human. Fixation: 4% PFA for 15 min. Primary Antibody: Mouse Anti-Ataxin 1 Monoclonal Antibody (NBP2-42186) at 1:100 for overnight at 4C with slow rocking. Secondary Antibody: AlexaFluor 488 at 1:1000 for 1 hour at RT. Counterstain: Phalloidin-iFluor 647 (red) F-Actin stain; Hoechst (blue) nuclear stain at 1:800, 1.6mM for 20 min at RT. (A) Hoechst (blue) nuclear stain. (B) Phalloidin-iFluor 647 (red) F-Actin stain. (C) Ataxin 1 Antibody (D) Composite.



Immunocytochemistry/Immunofluorescence: Ataxin 1 Antibody (S76-8) [NBP2-42186] - Immunocytochemistry/Immunofluorescence analysis using Mouse Anti-Ataxin 1 Monoclonal Antibody, Clone S76-8 (NBP2-42186). Tissue: Neuroblastoma cell line (SK-N-BE). Species: Human. Fixation: 4% Formaldehyde for 15 min at RT. Primary Antibody: Mouse Anti-Ataxin 1 Monoclonal Antibody (NBP2-42186) at 1:100 for 60 min at RT. Secondary Antibody: Goat Anti-Mouse ATTO 488 at 1:200 for 60 min at RT. Counterstain: Phalloidin Texas Red F-Actin stain; DAPI (blue) nuclear stain at 1:1000, 1:5000 for 60 min at RT, 5 min at RT. Localization: Cytoplasm, Nucleus. Magnification: 60X. (A) DAPI (blue) nuclear stain. (B) Phalloidin Texas Red F-Actin stain. (C) Ataxin 1 Antibody. (D) Composite.





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Products Related to NBP2-42186

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)

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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