

Product Datasheet

ATOX1 Antibody - BSA Free

NBP1-06611

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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NBP1-06611

ATOX1 Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.1% Sodium Azide
Isotype	IgG
Purity	Unpurified
Buffer	Whole antisera
Target Molecular Weight	6 kDa

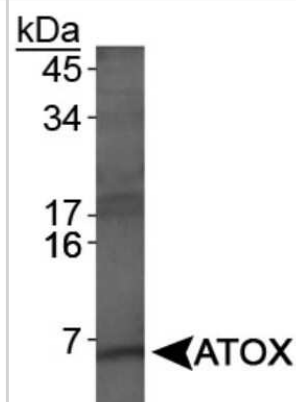
Product Description	
Description	Novus Biologicals Rabbit ATOX1 Antibody - BSA Free (NBP1-06611) is a polyclonal antibody validated for use in WB and ICC/IF. Anti-ATOX1 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	475
Gene Symbol	ATOX1
Species	Human
Immunogen	Full length human ATOX1 protein [Swiss-Prot# O00244]

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:1000, Immunocytochemistry/ Immunofluorescence 1:1000
Application Notes	<p>This ATOX1 antibody is useful for Immunocytochemistry/Immunofluorescence and Western blot analysis. In Western blot a band is seen at ~6 kDa representing ATOX1 protein. In Immunocytochemistry/Immunofluorescence cytoplasmic staining is observed in HeLa cells.</p> <p>The observed molecular weight of the protein may vary from the listed predicted molecular weight due to post translational modifications, post translation cleavages, relative charges, and other experimental factors.</p>

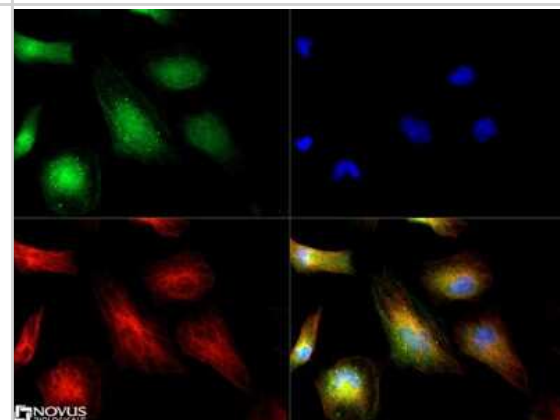


Images

Western Blot: ATOX1 Antibody [NBP1-06611] - HeLa whole cell extract.



Immunocytochemistry/Immunofluorescence: ATOX1 Antibody [NBP1-06611] - ATOX1 antibody was tested in HeLa cells with Dylight 488 (green). Nuclei and alpha-tubulin were counterstained with DAPI (blue) and Dylight 550 (red).



Publications

Flores AG, Unger VM. Atox1 Contains Positive Residues that Mediate Membrane Association and Aid Subsequent Copper Loading. *J Membr Biol*. 2013-09-15 [PMID: 24036897] (WB, Human)

Cai H, Peng F. Knockdown of copper chaperone antioxidant-1 by RNA interference inhibits copper-stimulated proliferation of non-small cell lung carcinoma cells. *Oncol Rep* 2013-07-01 [PMID: 23624903]

Palm ME, Weise CF, Lundin C et al. Cisplatin binds human copper chaperone Atox1 and promotes unfolding in vitro. *Proc Natl Acad Sci U S A*;108(17):6951-6. 2011-04-26 [PMID: 21482801]



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Products Related to NBP1-06611

NB800-PC9	HeLa Nuclear Cell Lysate
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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