

Product Datasheet

ATOX1 Antibody (2E6) - Azide and BSA Free H00000475-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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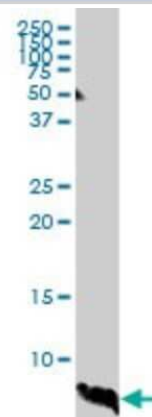
H00000475-M01

ATOX1 Antibody (2E6) - Azide and BSA Free

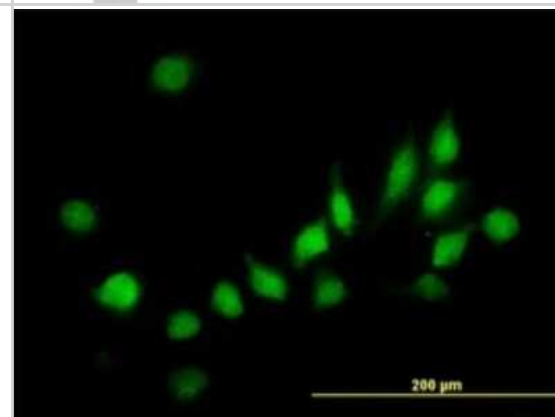
Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	2E6
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	475
Gene Symbol	ATOX1
Species	Human
Specificity/Sensitivity	ATOX1 - ATX1 antioxidant protein 1 homolog (yeast)
Immunogen	ATOX1 (NP_004036, 1 a.a. ~ 68 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MPKHEFSVDMTCGGCAEAVSRVLNKLGGVKYDIDLPNKKVCIESEHSMDTLA TLKKTGKTVSYLGL
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Sandwich ELISA
Recommended Dilutions	Western Blot 1:500, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Sandwich ELISA
Application Notes	Use in Immunohistochemistry-Paraffin reported in scientific literature (PMID:34944703).Antibody reactivity against tissue lysate, cell lysate and recombinant protein for WB. It has been used for IF and ELISA..

Images

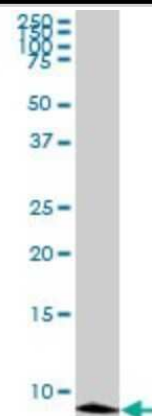
Western Blot: ATOX1 Antibody (2E6) [H00000475-M01] - ATOX1 monoclonal antibody (M01), clone 2E6. Analysis of ATOX1 expression in human liver.



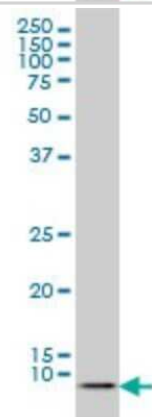
Immunocytochemistry/Immunofluorescence: ATOX1 Antibody (2E6) [H00000475-M01] - Analysis of monoclonal antibody to ATOX1 on HeLa cell. Antibody concentration 10 ug/ml.



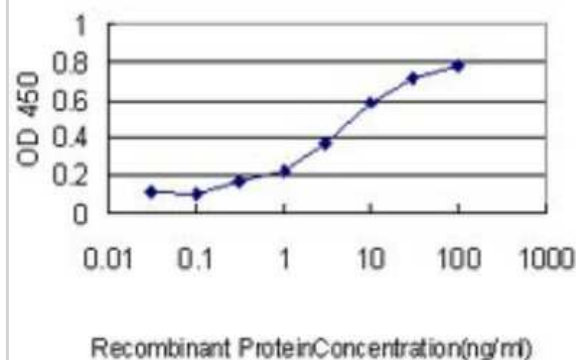
Western Blot: ATOX1 Antibody (2E6) [H00000475-M01] - ATOX1 monoclonal antibody (M01), clone 2E6. Analysis of ATOX1 expression in COLO 320 HSR.



Western Blot: ATOX1 Antibody (2E6) [H00000475-M01] - ATOX1 monoclonal antibody (M01), clone 2E6. Analysis of ATOX1 expression in Hela S3 NE.



Sandwich ELISA: ATOX1 Antibody (2E6) [H00000475-M01] - Detection limit for recombinant GST tagged ATOX1 is approximately 0.3ng/ml as a capture antibody.



Publications

Blockhuys S, Hildesjö C, Olsson H et al. Evaluation of ATOX1 as a Potential Predictive Biomarker for Tetrathiomolybdate Treatment of Breast Cancer Patients with High Risk of Recurrence Biomedicines 2021-12-12 [PMID: 34944703] (IHC-P, Human)

Horvath I, Blockhuys S, Sulskis D et al. Interaction between Copper Chaperone Atox1 and Parkinson's Disease Protein alpha-Synuclein Includes Metal-Binding Sites and Occurs in Living Cells ACS Chem Neurosci 2019-10-24 [PMID: 31600047]

Davies KM, Hare DJ, Cottam V et al. Localization of copper and copper transporters in the human brain. Metallomics. 2013-01-01 [PMID: 23076575] (Human)



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Products Related to H00000475-M01

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
NBP1-30171	Recombinant Human ATOX1 His Protein

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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