

Product Datasheet

HO-1/HMOX1/HSP32 Antibody (GTS-1) NB110-10991

Unit Size: 0.05 mg

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

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NB110-10991

HO-1/HMOX1/HSP32 Antibody (GTS-1)

Product Information	
Unit Size	0.05 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	GTS-1
Preservative	No Preservative
Isotype	IgG1
Purity	Protein A or G purified
Buffer	10mM PBS (pH 7.4) and 1.0% BSA

Product Description	
Host	Mouse
Gene ID	3162
Gene Symbol	HMOX1
Species	Human, Mouse, Rat
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.
Marker	Oxidative Stress Marker
Specificity/Sensitivity	It does not react with heme oxygenase 2.
Immunogen	Rat heme oxygenase 1.

Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Block/Neutralize
Recommended Dilutions	Western Blot 5-10 ug/ml, ELISA 1:10000, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 5-10 ug/ml, Immunohistochemistry-Frozen 5-10 ug/ml, Block/Neutralize
Application Notes	This antibody will inhibit the activity of human or rat heme oxygenase 1.

Publications

Krautbauer S, Eisinger K, Hader Y et al. Manganese superoxide dismutase knock-down in 3T3-L1 preadipocytes impairs subsequent adipogenesis. Mol. Cell. Biochem. 2014 Apr 17 [PMID: 24740755] (WB, Mouse)

Machado C, Malheiros DM, Adamy A et al. Protective response in renal transplantation: no clinical or molecular differences between open and laparoscopic donor nephrectomy. Clinics (Sao Paulo). 2013 Apr [PMID: 23778338] (IHC-P, Human)

Zhang L, Gavin T, Barber DS, LoPachin RM. Role of the Nrf2-ARE pathway in acrylamide neurotoxicity. Toxicol Lett;205(1):1-7. 2011 Aug 10. [PMID: 21540084] (WB, Rat)



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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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