

# Product Datasheet

## HO-1/HMOX1/HSP32 Antibody (7H7W10) NBP3-15640-100ul

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

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**NBP3-15640-100ul**

HO-1/HMOX1/HSP32 Antibody (7H7W10)

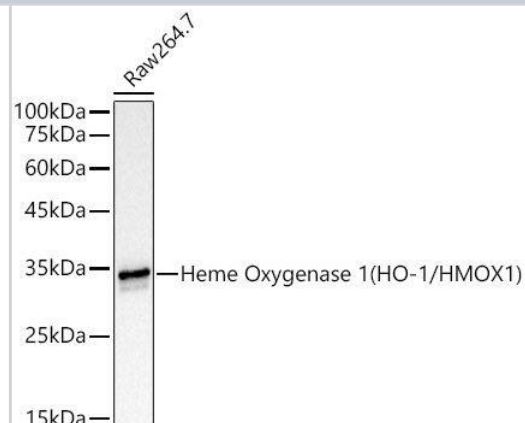
Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	7H7W10
Preservative	0.05% Proclin 300
Isotype	IgG
Purity	Affinity purified
Buffer	PBS, 0.05% BSA, 50% glycerol, pH7.3
Target Molecular Weight	33 kDa

Product Description	
Host	Rabbit
Gene ID	3162
Gene Symbol	HMOX1
Species	Human, Mouse, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-265 of human Heme Oxygenase 1 (HO-1/HMOX1) (NP_002124.1). MERPQPDSMPQDLSEALKEATKEVHTQAENAEFMRNFQKGGVTRDGFKLVM ASLYHIYVALEEEIERNKESPVFAPVYFPEELHRKAALEQDLAFWYGPRWQEV PYTPAMQRYVKRLHEVGRTEPELLVAHAYTRYLGDLSGGQVLKIAQKALDLP SSGGLAFFTFPNIASATKFKQLYRSRMNSLEMPAVRQRVIEEAKTAFLLNIQL FEELQELLTHDTKDQSPSRAPGLRQRASNKVQDSAPVETPRGKPLNTRSQA

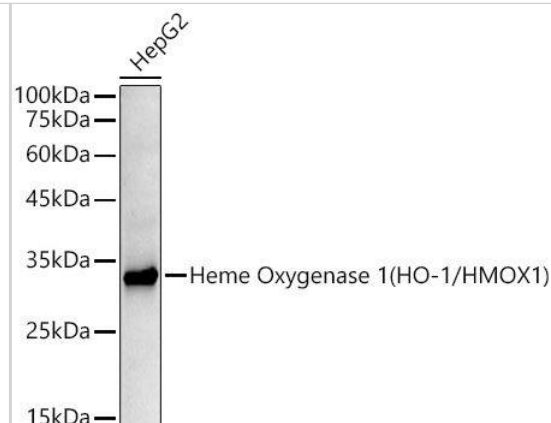
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockout Validated
Recommended Dilutions	Western Blot 1:2000 - 1:10000, ELISA, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 1:50 - 1:200, Immunohistochemistry-Paraffin, Knockout Validated

**Images**

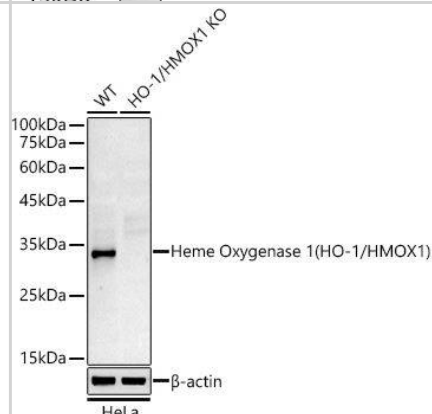
analysis of extracts of Raw264.7 cells, using Heme Oxygenase 1 (HO-1/HMOX1) antibody (A19062) at 1:10000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 3s.



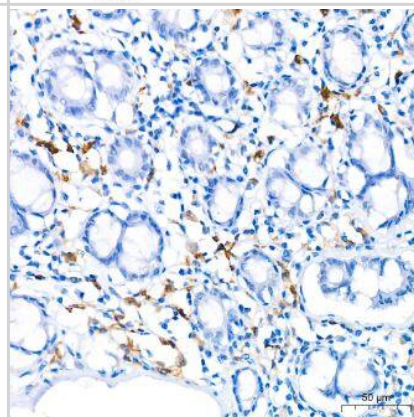
HO-1/HMOX1/HSP32 Antibody (3L2U4) [NBP3-15640] - Analysis of extracts of HepG2 cells, using Heme Oxygenase 1 (HO-1/HMOX1) antibody at 1:10000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.



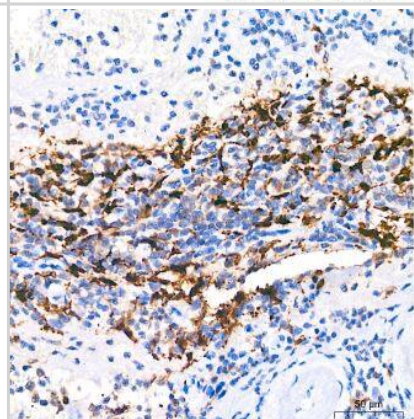
HO-1/HMOX1/HSP32 Antibody (3L2U4) [NBP3-15640] -Analysis of extracts from wild type(WT) and Heme Oxygenase 1 (HO-1/HMOX1) knockout (KO) HeLa cells, using Heme Oxygenase 1 (HO-1/HMOX1) antibody at 1:10000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.



Immunohistochemistry-Paraffin: HO-1/HMOX1/HSP32 Antibody (3L2U4) [NBP3-15640] -Analysis of human colon using [KD Validated] Heme Oxygenase 1 (HO-1/HMOX1) Rabbit mAb at dilution of 1:200 (40x lens) .Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry-Paraffin: HO-1/HMOX1/HSP32 Antibody (3L2U4) [NBP3-15640] -Human spleen using [KD Validated] Heme Oxygenase 1 (HO-1/HMOX1) Rabbit mAb at dilution of 1:200 (40x lens).Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.





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### **Products Related to NBP3-15640-100ul**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-77459PEP	HO-1/HMOX1/HSP32 Antibody Blocking Peptide

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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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