

# Product Datasheet

## HO-1/HMOX1/HSP32 Antibody (HL1780) - Azide and BSA Free NBP3-25498

Unit Size: 100 ul

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

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Updated 9/3/2024 v.20.1

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**NBP3-25498**

HO-1/HMOX1/HSP32 Antibody (HL1780) - Azide and BSA Free

**Product Information**

<b>Unit Size</b>	100 ul
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	HL1780
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS

**Product Description**

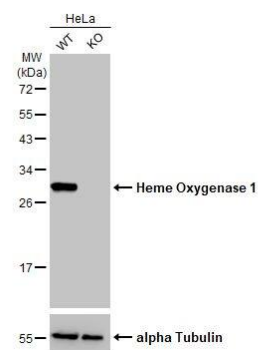
<b>Host</b>	Rabbit
<b>Gene ID</b>	3162
<b>Gene Symbol</b>	HMOX1
<b>Species</b>	Human, Mouse, Rat, Canine, Feline
<b>Immunogen</b>	Recombinant fragment of human HO-1/HMOX1/HSP32

**Product Application Details**

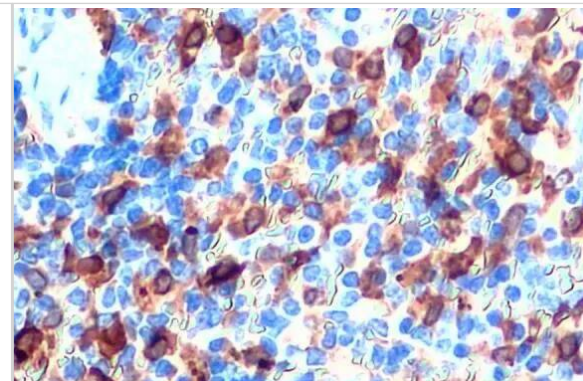
<b>Applications</b>	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1:500-1:3000, Immunohistochemistry, Immunohistochemistry-Paraffin

**Images**

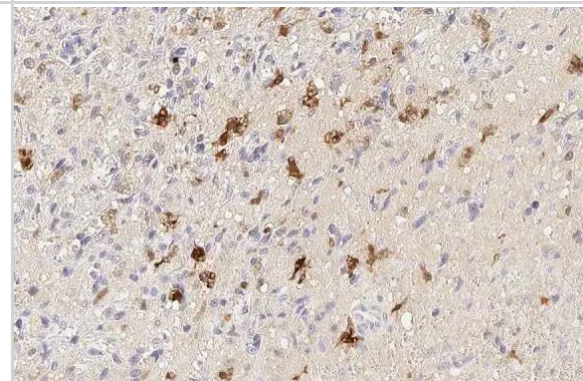
Knockout Validated: HO-1/HMOX1/HSP32 Antibody (HL1780) - Azide and BSA Free [NBP3-25498] - Wild-type (WT) and HMOX1 knockout (KO) HeLa cell extracts (30 ug) were separated by 12% SDS-PAGE, and the membrane was blotted with Heme Oxygenase 1 antibody [HL1780] (NBP3-25498) diluted at 1:2000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.



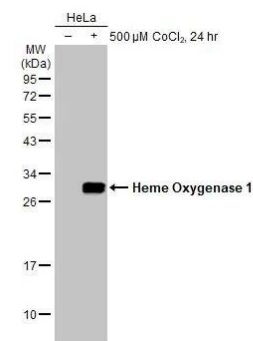
Immunohistochemistry-Paraffin: HO-1/HMOX1/HSP32 Antibody (HL1780) - Azide and BSA Free [NBP3-25498] - Heme Oxygenase 1 antibody [HL1780] detects Heme Oxygenase 1 protein at cytoplasm by immunohistochemical analysis. Sample: Paraffin-embedded rat spleen. Heme Oxygenase 1 stained by Heme Oxygenase 1 antibody [HL1780] (NBP3-25498) diluted at 1:100. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



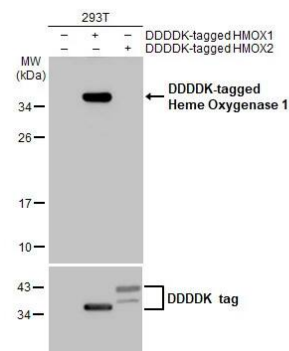
Immunohistochemistry-Paraffin: HO-1/HMOX1/HSP32 Antibody (HL1780) - Azide and BSA Free [NBP3-25498] - Heme Oxygenase 1 antibody [HL1780] detects secreted Heme Oxygenase 1 protein by immunohistochemical analysis. Sample: Paraffin-embedded cat spleen. Heme Oxygenase 1 stained by Heme Oxygenase 1 antibody [HL1780] (NBP3-25498) diluted at 1:100. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



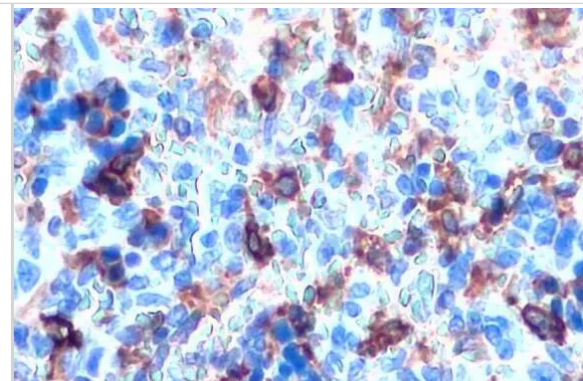
Western Blot: HO-1/HMOX1/HSP32 Antibody (HL1780) - Azide and BSA Free [NBP3-25498] - Untreated (-) and treated (+) HeLa whole cell extracts (30 ug) were separated by 12% SDS-PAGE, and the membrane was blotted with Heme Oxygenase 1 antibody [HL1780] (NBP3-25498) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



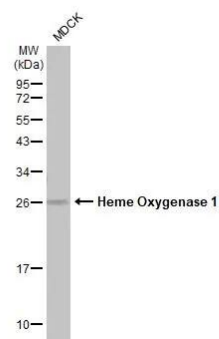
Western Blot: HO-1/HMOX1/HSP32 Antibody (HL1780) - Azide and BSA Free [NBP3-25498] - Non-transfected (-) and transfected (+) 293T whole cell extracts (30 ug) were separated by 12% SDS-PAGE, and the membrane was blotted with Heme Oxygenase 1 antibody [HL1780] (NBP3-25498) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



**Immunohistochemistry-Paraffin:** HO-1/HMOX1/HSP32 Antibody (HL1780) - Azide and BSA Free [NBP3-25498] - Heme Oxygenase 1 antibody [HL1780] detects Heme Oxygenase 1 protein at cytoplasm by immunohistochemical analysis. Sample: Paraffin-embedded mouse spleen. Heme Oxygenase 1 stained by Heme Oxygenase 1 antibody [HL1780] (NBP3-25498) diluted at 1:100. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



**Western Blot:** HO-1/HMOX1/HSP32 Antibody (HL1780) - Azide and BSA Free [NBP3-25498] - Whole cell extract (30 ug) was separated by 12% SDS-PAGE, and the membrane was blotted with Heme Oxygenase 1 antibody [HL1780] (NBP3-25498) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.





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### **Products Related to NBP3-25498**

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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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