

Product Datasheet

HO-2/HMOX2 Antibody NBP1-36745

Unit Size: 0.1 mg

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

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NBP1-36745

HO-2/HMOX2 Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Host	Goat
Gene ID	3163
Gene Symbol	HMOX2
Species	Human
Specificity/Sensitivity	Reported variants represent identical protein: NP_002125.3, NP_001120676.1, NP_001120678.1, NP_001120677.1
Immunogen	Peptide with sequence C-DQAGSTLARETLED corresponding to internal region according to NP_002125.3.

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Peptide ELISA
Recommended Dilutions	Western Blot 0.3 - 1 ug/ml, Immunohistochemistry 2 - 4 ug/ml, Peptide ELISA Detection limit 1:32000
Application Notes	WB: Approx. 37 kDa band observed in K562 lysates (calculated MW of 36.0 kDa band according to NP_002125.3). IHC-P: Human pancreas cancer shows increased staining of invading cancer cells.

Images

Western Blot: HO-2/HMOX2 Antibody [NBP1-36745] - Analysis of K562 cell lysate (35ug protein in RIPA buffer) using NBP1-36745 at 0.3 ug/ml. Primary incubation was 1 hour. Detected by chemiluminescence.

250kDa
150kDa
100kDa
75kDa
50kDa
37kDa
25kDa
20kDa
15kDa

Publications

Sha L, Farrugia G, Harmsen WS, Szurszewski JH. Membrane potential gradient is carbon monoxide-dependent in mouse and human small intestine. Am J Physiol Cell Physiol 2007-08-01 [PMID: 17510199]



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Products Related to NBP1-36745

HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control
NBP1-37089	Recombinant Human HO-2/HMOX2 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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