

Product Datasheet

Anti-HO-1/Heme Oxygenase 1 Rabbit pAb



WL02400

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-HO-1/Heme Oxygenase 1 Rabbit pAb		
Source	Rabbit		
Species reactivity	Human, Mouse, Rat		
Tested applications	WB	1:1000-1:2000	
	IHC	1:100-1:200	
Cellular localization	Microsome. Endoplasmic reticulum		
Pack size	50/100/200/500/1000µl		
Storage	Store at -20°C. Avoid freeze/thaw cycles.		
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide		

General Information

Background Heme Oxygenases are microsomal enzymes that cleave heme to produce the antioxidant biliverdin, inorganic iron and carbon monoxide (CO). The activity of Heme Oxygenase 1 (HO-1), also designated HSP 32, is highly inducible in response to numerous stimuli, including heme, heavy metals, hormones and oxidative stress. Heme oxygenase occurs as 2 isozymes, an inducible heme oxygenase-1 and a constitutive heme oxygenase-2. HMOX1 and HMOX2 belong to the heme oxygenase family.

Immunogen Polyclonal antibody is produced by immunizing animals with a synthetic peptide of HO-1/Heme Oxygenase 1.

Purification Polyclonal antibody was purified by Protein A affinity chromatography.

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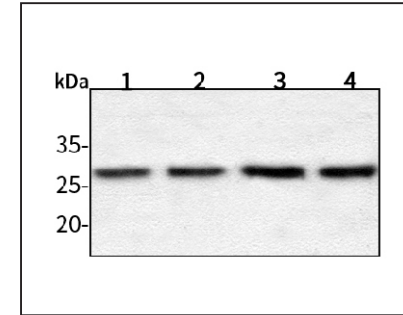
Anti-HO-1/Heme Oxygenase 1 Rabbit pAb



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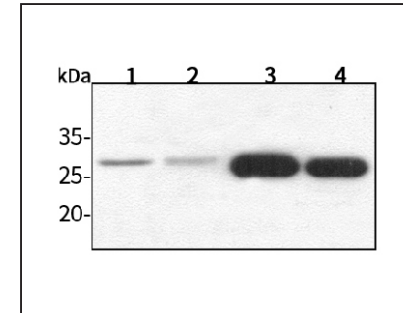
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Product Images



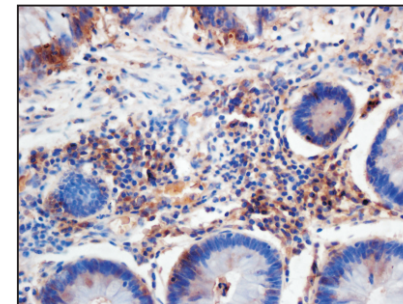
Western blot-Anti-HO-1/Heme Oxygenase 1 pAb

Lane 1: Human HepG2 cell lysate
Lane 2: Human Hela cell lysate
Lane 3: Human BGC-823 cell lysate
Lane 4: Human MGC-803 cell lysate
All lanes: Anti-HO-1/Heme Oxygenase 1 at 1:1000 dilution
Lysates/proteins at 20-50 µg per lane.
Predicted band size: 32 kDa
Observed band size: 32 kDa



Western blot-Anti-HO-1/Heme Oxygenase 1 pAb

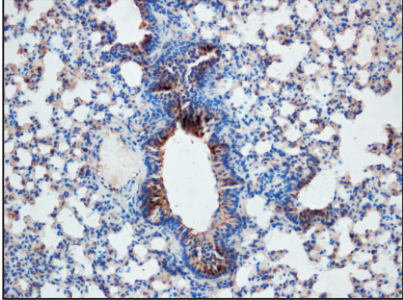
Lane 1: Mouse kidney tissue lysate
Lane 2: Mouse heart tissue lysate
Lane 3: Rat brain tissue lysate
Lane 4: Rat testicle tissue lysate
All lanes: Anti-HO-1/Heme Oxygenase 1 at 1:1000 dilution
Lysates/proteins at 20-50 µg per lane.
Predicted band size: 32 kDa
Observed band size: 32 kDa



Immunohistochemistry-Anti-HO-1/Heme Oxygenase 1 pAb

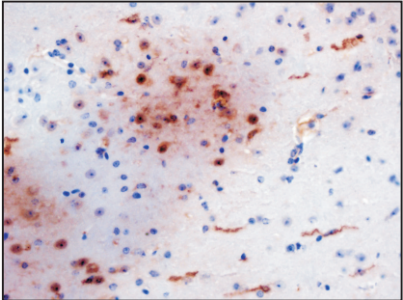
Immunohistochemical analysis of paraffin-embedded human colon cancer using anti-HO-1/Heme Oxygenase 1 Rabbit Antibody at 1:200 dilution. Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

Product Information



Immunohistochemistry-Anti-HO-1/Heme Oxygenase 1 pAb

Immunohistochemical analysis of paraffin-embedded mouse lung using anti-HO-1/Heme Oxygenase 1 Rabbit Antibody at 1:200 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunohistochemistry-Anti-HO-1/Heme Oxygenase 1 pAb

Immunohistochemical analysis of paraffin-embedded mouse Alzheimer's disease brain using anti-HO-1/Heme Oxygenase 1 Rabbit Antibody at 1:100 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0