

Anti-HMOX2/HO-2 Rabbit pAb



WLA0859

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-HMOX2/HO-2 Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	WB	1:1000-1:2000
	IHC, IF	1:100-1:500
Cellular localization	Endoplasmic reticulum, Membrane, Microsome.	
Pack size	50/100/200/500/1000 μ l	
Storage	Store at -20°C. Avoid freeze/thaw cycles.	
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 μ g/ml BSA, 50% glycerol and less than 0.02% sodium azide	

General Information

Background

Heme oxygenase is the rate limiting enzyme in the heme degradation pathway. HMOX2, also known as HO-2, belongs to the heme oxygenase family. It can catalyze the oxidative cleavage of heme on the α -methylene bridge carbon, releasing it in the form of carbon monoxide (CO) to produce biliverdin IX α , while releasing the central heme iron chelate as ferrous.

Immunogen

Polyclonal antibody is produced by immunizing animals with a synthetic peptide of HMOX2/HO-2.

Purification

Polyclonal antibody was purified by Protein A affinity chromatography.

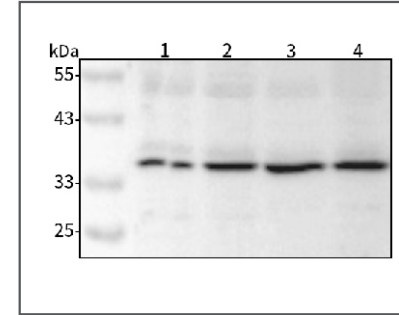
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Product Images



Western blot-Anti-HMOX2/HO-2 pAb

Lane 1: Human HCT116 cell lysate

Lane 2: Human TPC-1 cell lysate

Lane 3: Human A2780 cell lysate

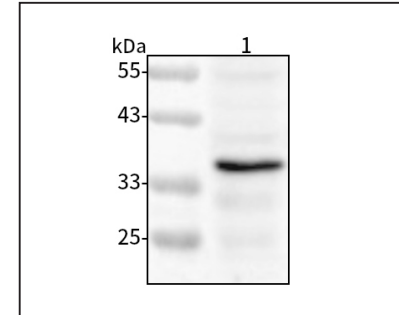
Lane 4: Rat RSC96 cell lysate

All lanes: Anti-HMOX2/HO-2 at 1:1000 dilution

Lysates/proteins at 20-50 μ g per lane.

Predicted band size: 36 kDa

Observed band size: 36 kDa



Western blot-Anti-HMOX2/HO-2 pAb

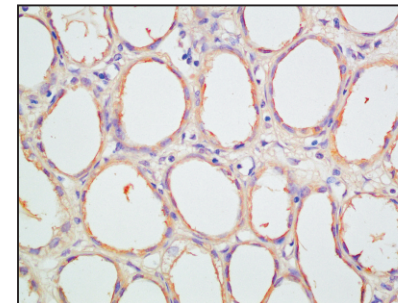
Lane 1: Mouse kidney tissue lysate

All lanes: Anti-HMOX2/HO-2 at 1:1000 dilution

Lysates/proteins at 20-50 μ g per lane.

Predicted band size: 36 kDa

Observed band size: 36 kDa



Immunohistochemistry-Anti-HMOX2/HO-2 pAb

Immunohistochemical analysis of paraffin-embedded human kidney cancer using anti-HMOX2/HO-2 Rabbit Antibody at 1:100 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

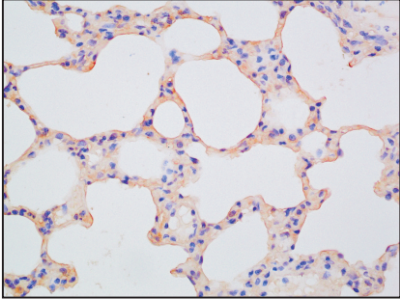
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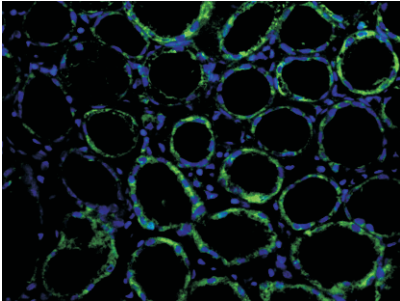
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Immunohistochemistry-Anti-HMOX2/HO-2 pAb

Immunohistochemical analysis of paraffin-embedded rat lung using anti-HMOX2/HO-2 Rabbit Antibody at 1:100 dilution.

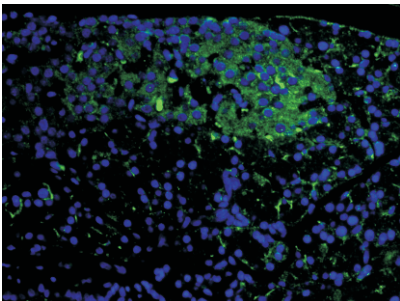
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti-HMOX2/HO-2 pAb

Immunofluorescence analysis of paraffin-embedded human kidney cancer using anti-HMOX2/HO-2 Rabbit Antibody at 1:100 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti-HMOX2/HO-2 pAb

Immunofluorescence analysis of paraffin-embedded rat pancreas using anti-HMOX2/HO-2 Rabbit Antibody at 1:100 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0