Product Name: Heme Oxygenase 1 Rabbit Monoclonal Antibody
Catalog #: AMRe03776

Summary

Production Name	Heme Oxygenase 1 Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IHC-F,IHC-P,ICC/IF,IP
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purification

Immunogen

Gene Name	HMOX1
Alternative Names	HO-1; HSP32; HMOX1; ; HO1
Gene ID	3162
SwissProt ID	P09601.

Application

Dilution Ratio	WB: 1:500-1:1000 IHC: 1:50-1:100 IF: 1:50-1:200 IP: 1:20
Molecular Weight	Calculated MW: 33 kDa; Observed MW: 33 kDa

Product Name: Heme Oxygenase 1 Rabbit Monoclonal Antibody
Catalog #: AMRe03776

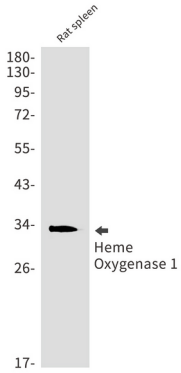
Background

Hemeoxygenase (HO) is the rate-limiting enzyme in the catabolism of heme that results in the release of carbon monoxide, iron, and biliverdin. The products of this enzymatic reaction play important biological roles in antioxidant, anti-inflammatory and cytoprotective functions. Hemeoxygenase comprises two isozymes, including the constitutively expressed HO-2 isozyme and the inducible HO-1 isozyme.

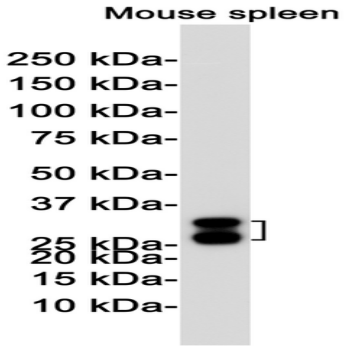
Research Area

Neuroscience

Image Data

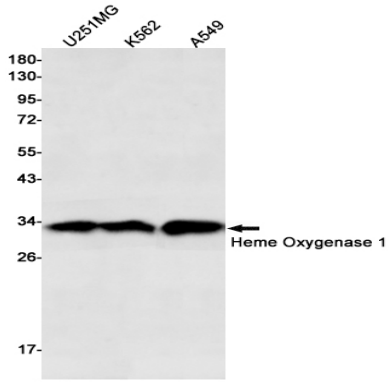


Western blot analysis of Heme Oxygenase 1 in rat spleen lysates using Heme Oxygenase 1 antibody.

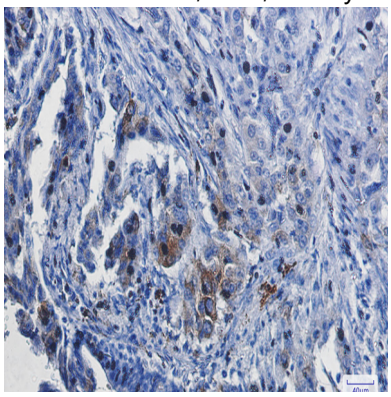


Western blot analysis of Heme Oxygenase 1 in mouse spleen lysates using Heme Oxygenase 1 antibody.

Product Name: Heme Oxygenase 1 Rabbit Monoclonal Antibody
Catalog #: AMRe03776



Western blot analysis of Heme Oxygenase 1 in U251MG, K562, A549 lysates using Heme Oxygenase 1 antibody



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using Heme Oxygenase 1 antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Note

For research use only.