

Product Name: Heme Oxygenase 1 Rabbit Monoclonal antibody**Catalog #: AMRe01515**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB, ICC/IF, IP
Reactivity	Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Concentration	0.15mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purified

Application

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

Antigen Information

Gene Name	HMOX1
Alternative Names	HO-1; HSP32; HMOX1; ; HO1
Gene ID	3162
SwissProt ID	P09601
Immunogen	A synthetic peptide of human Heme Oxygenase 1

Background

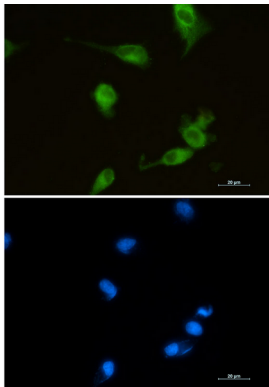
Hemeoxygenase (HO) is the rate-limiting enzyme in the catabolism of heme that results in the release of carbon monoxide, iron, and biliverdin. The products of this enzymatic reaction play important biological roles in antioxidant, anti-inflammatory

and cytoprotective functions. Hemeoxygenase comprises two isozymes, including the constitutively expressed HO-2 isozyme and the inducible HO-1 isozyme.

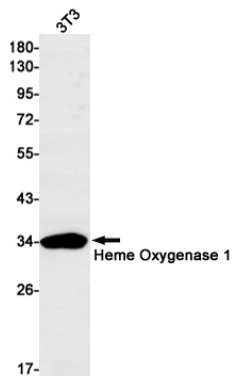
Research Area

Neuroscience

Image Data



Immunocytochemistry analysis of Heme Oxygenase 1 (green) in U87-MG using Heme Oxygenase 1 antibody, and DAPI (blue).



Western blot analysis of Heme Oxygenase 1 in 3T3 lysates using Heme Oxygenase 1 antibody.