

Product Name: Heme Oxygenase 1 Rabbit Monoclonal Antibody
Catalog #: AMRe01515



Summary

Production Name	Heme Oxygenase 1 Rabbit Monoclonal Antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB, ICC/IF, IP
Reactivity	Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
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% BSA
Purification	Affinity Purified

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 IF: 1/50-1/200 IP: 1/20
Molecular Weight	Calculated MW: 33 kDa; Observed MW: 33 kDa

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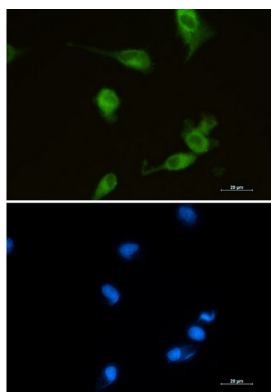
Background

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.

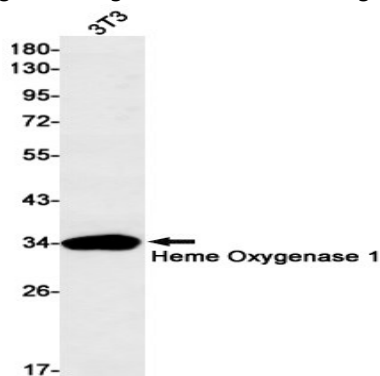
Research Area

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.

Note

For research use only.