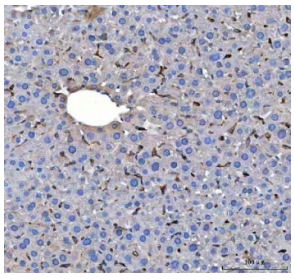
Heme Oxygenase 1 Antibody / HO-1 / HMOX1 (R31511)

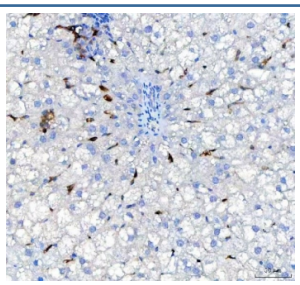
Catalog No.	Formulation	Size
R31511	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

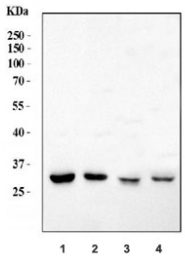
Availability	Discontinued
Species Reactivity	Mouse, Rat
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2% Trehalose
Gene ID	15368
Applications	Western blot: 0.5-1ug/ml Immunohistochemistry (FFPE): 2-5ug/ml
Limitations	This Heme Oxygenase 1 antibody is available for research use only.



IHC staining of FFPE mouse liver tissue with Heme Oxygenase 1 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE rat liver tissue with Heme Oxygenase 1 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot testing of 1) rat PC-12, 2) mouse spleen, 3) mouse RAW264.7 and 4) mouse NIH 3T3 cell lysate with Heme Oxygenase 1 antibody. Predicted molecular weight ~32 kDa.

Description

Heme oxygenase 1, also called HMOX1 and HO-1, an essential enzyme in heme catabolism, cleaves heme to form biliverdin, which is subsequently converted to bilirubin by biliverdin reductase, and carbon monoxide, a putative neurotransmitter. HO-1 activity is induced by its substrate heme and by various nonheme substances.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the Heme Oxygenase 1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

Mouse partial recombinant protein (AA 2-261) was used as the immunogen for this Heme Oxygenase 1 antibody.

Storage

After reconstitution, the Heme Oxygenase 1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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