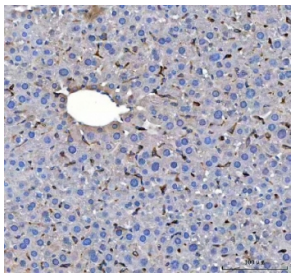
# Heme Oxygenase 1 Antibody / HO-1 / HMOX1 (R31511)

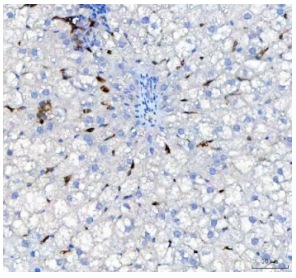
| Catalog No. | Formulation | Size |
|---|---|---|
| R31511 | 0.5mg/ml if reconstituted with 0.2ml sterile DI water | 100 ug |

**Bulk quote request**

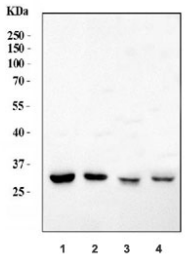
| | |
|---|---|
| **Availability** | Discontinued |
| **Species Reactivity** | Mouse, Rat |
| **Format** | Purified |
| **Host** | Rabbit |
| **Clonality** | Polyclonal (rabbit origin) |
| **Isotype** | Rabbit IgG |
| **Purity** | Antigen affinity |
| **Buffer** | Lyophilized from 1X PBS with 2% Trehalose |
| **Gene ID** | 15368 |
| **Applications** | 0.5-1ug/ml2-5ug/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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