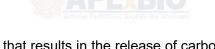


## **Anti-Heme Oxygenase 1 Rabbit Polyclonal Antibody**

#### Introduction



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.

### Product parameters

| Alternative Names  | HO-1; HSP32; HMOX1; ; HO1   |
|--------------------|---|
| Gene ID            | 3162  |
| Gene Name          | HMOX1   |
| SwissProt ID       | P09601  |
| Host               | Rabbit  |
| Reactivity         | Human, Mouse  |
| Molecular Weight   | Calculated MW: 33 kDa; Observed MW: 33 kDa  |
| Conjugation        | Unconjugated  |
| Ex                 | -   |
| Em                 | -   |
| Modification       | Unmodified  |
| Clonality          | IgG   |
| Isotype            | Polyclonal Antibody   |
| Clonality No.      | -   |
| Form               | Liquid  |
| Concentration      | See label   |
| Carrier            | Carrier Free  |
| Immunogen          | A synthesized peptide derived from human Heme Oxygenase 1   |
| Purification       | Affinity Chromatography   |
| Buffer System      | Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Application        | WB, IHC-P, FC, IP   |
| Dilution Ratio     | WB: 1/500-1/1000 IHC: 1/50-1/100 IP: 1/50 FC: 1/50-1/100  |
| Research Field     | Neuroscience  |
| Product Categories | Primary antibody  |

| Shipping        | Blue ice                         |
|-----------------|----------------------------------|
| Storage         | -20°C                            |
| Expiration Date | 12 months                        |
| Note            | Please avoid freeze-thaw cycles. |

# Protocol = B



Configure the product according to the application range and recommended dilution ratio.

\*Note: The primary antibody dilution buffer options: WB - Primary Antibody Dilution Buffer (Cat. #: K1200, Not for HRP/AP conjugated antibodies), Immunostaining - Immunol Staining Primary Antibody Dilution Solution (Cat. #: K4655).

#### Note

1. This product is for scientific research use only.





