

**Heme Oxygenase 1 Rabbit mAb**  
Catalog # AP78638**Specification**

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**Heme Oxygenase 1 Rabbit mAb - Product Information**

Application	WB, IHC-P, FC, IP
Primary Accession	<a href="#">P09601</a>
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	32819

**Heme Oxygenase 1 Rabbit mAb - Additional Information****Gene ID** 3162**Other Names**

HMOX1

**Format**

Liquid

**Heme Oxygenase 1 Rabbit mAb - Protein Information****Name** HMOX1**Synonyms** HO, HO1**Function**

[Heme oxygenase 1]: Catalyzes the oxidative cleavage of heme at the alpha-methene bridge carbon, released as carbon monoxide (CO), to generate biliverdin IXalpha, while releasing the central heme iron chelate as ferrous iron (PubMed:[11121422](http://www.uniprot.org/citations/11121422), PubMed:[19556236](http://www.uniprot.org/citations/19556236), PubMed:[7703255](http://www.uniprot.org/citations/7703255)). Affords protection against programmed cell death and this cytoprotective effect relies on its ability to catabolize free heme and prevent it from sensitizing cells to undergo apoptosis (PubMed:[20055707](http://www.uniprot.org/citations/20055707)).

**Cellular Location**

Endoplasmic reticulum membrane; Single-pass type IV membrane protein; Cytoplasmic side

**Tissue Location**

Expressed at higher levels in renal cancer tissue than in normal tissue (at protein level)

**Heme Oxygenase 1 Rabbit mAb - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Heme Oxygenase 1 Rabbit mAb - Images**