

**Anti-HMOX1 / HO-1 Antibody**  
**Rabbit Anti Human Polyclonal Antibody**  
**Catalog # ALS17619**

**Specification**

---

**Anti-HMOX1 / HO-1 Antibody - Product Information**

Application	WB, IHC-P
Primary Accession	<a href="#">P09601</a>
Predicted	Human, Mouse, Rat, Rabbit, Hamster, Monkey, Pig, Sheep, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	32819

**Anti-HMOX1 / HO-1 Antibody - Additional Information**

**Gene ID** 3162

**Alias Symbol** HMOX1  
**Other Names**  
HMOX1, BK286B10, HO-1, HSP32, Heat shock protein, 32-kD, Heme oxygenase (decycling) 1, Heme oxygenase 1, HO1

**Reconstitution & Storage**

Protein A purified

**Precautions**

Anti-HMOX1 / HO-1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**Anti-HMOX1 / HO-1 Antibody - 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)

**Anti-HMOX1 / HO-1 Antibody - 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](#)

**Anti-HMOX1 / HO-1 Antibody - Images**