

Goat anti-Heme Oxygenase 1 (aa242-256) Antibody
Peptide-affinity purified goat antibody
Catalog # AF4372a

Specification

Goat anti-Heme Oxygenase 1 (aa242-256) Antibody - Product Information

Application	WB, Pep-ELISA
Primary Accession	P09601
Other Accession	NP_002124.1
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Calculated MW	32819

Goat anti-Heme Oxygenase 1 (aa242-256) Antibody - Additional Information

Gene ID 3162

Other Names

HMOX1; heme oxygenase (decycling) 1; HO-1; HSP32; bK286B10; OTTHUMP00000198812; heat shock protein, 32-kD; heme oxygenase 1

Format

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Goat anti-Heme Oxygenase 1 (aa242-256) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat anti-Heme Oxygenase 1 (aa242-256) 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, PubMed:19556236, PubMed: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).

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)

Goat anti-Heme Oxygenase 1 (aa242-256) 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](#)

Goat anti-Heme Oxygenase 1 (aa242-256) Antibody - Images