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

Peptide-affinity purified goat antibody
Catalog # AF4372a

Product Information

Application	WB, Pep-ELISA
Primary Accession	P09601
Other Accession	NP_002124.1
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Clone Names	HMOX1
Calculated MW	32819

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
Dilution	WB~~1:1000 Pep-ELISA~~N/A
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.

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)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.