Rabbit anti-Human Heme oxygenase 1 protein Polyclonal Antibody | anti-HMOX1 antibody

Rabbit anti-human Heme oxygenase 1 protein polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA229766	**Rabbit**	**Human**	**Immunohistochemistry, ELISA**

PRODUCT SYNONYMS

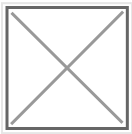
Heme oxygenase 1 protein; Polyclonal Antibody; Rabbit anti-human Heme oxygenase 1 protein polyclonal Antibody; HMOX1; HO; HO1; anti-HMOX1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Form/Format	Liquid
Sequence Length	288
Applicable Applications for anti-HMOX1 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant human Heme oxygenase 1 protein
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300; Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-7696 / sc-1796 / sc-7695 / sc-1797 / sc-10789
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

IMAGES

IF (Immunofluorescence)
Immunofluorescent analysis of A549 cells using AAA229766 at a dilution of 1:100 and Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L



IF (Immunofluorescence)
Immunofluorescent analysis of HepG2 cells using AAA229766 at a dilution of 1:100 and Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L

IHC (Immunohistochemisry)
Immunocytochemistry analysis of human colon cancer using AAA229766 at dilution of 1:100

ICC (Immunocytochemistry)
Immunocytochemistry analysis of human liver cancer using AAA229766 at dilution of 1:100

IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human placenta using AAA229766 at dilution of 1:20

ADDITIONAL INFORMATION

Related Product Information for anti-HMOX1 antibody	Heme oxygenase cleaves the heme ring at the alpha methene bridge to form biliverdin. Biliverdin is subsequently converted to bilirubin by biliverdin reductase. Under physiological conditions, the activity of heme oxygenase is highest in the spleen, where senescent erythrocytes are sequestrated and destroyed. Heme oxygenase, an essential enzyme in heme catabolism, cleaves heme to form biliverdin, which is subsequently converted to bilirubin by biliverdin reductase, and carbon monoxide, a putative neurotransmitter. Heme oxygenase activity is induced by its substrate heme and by various nonheme substances. Heme oxygenase occurs as 2 isozymes, an inducible heme oxygenase-1 and a constitutive heme oxygenase-2. HMOX1 and HMOX2 belong to the heme oxygenase family.
Product Categories/Family for anti-HMOX1 antibody	Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504437
NCBI GeneID	3162
NCBI Accession #	NP_002124.1
NCBI GenBank Nucleotide #	NM_002133.2
UniProt Accession #	P09601
Molecular Weight	32,819 Da
NCBI Official Full Name	heme oxygenase 1
NCBI Official Synonym Full Names	heme oxygenase 1
NCBI Official Symbol	HMOX1
NCBI Official Synonym Symbols	HO-1; HSP32; HMOX1D; bK286B10
NCBI Protein Information	heme oxygenase 1
UniProt Protein Name	Heme oxygenase 1
UniProt Gene Name	**HMOX1**
UniProt Synonym Gene Names	HO; HO1; HO-1
UniProt Entry Name	HMOX1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/polyclonal/heme-oxygenase-1-protein-antibody-immunohistochemistry-elisa/229766