Rabbit Heme Oxygenase 1 Polyclonal Antibody | anti-HMOX1 antibody

Heme Oxygenase 1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA22319	**Rabbit**	**Human, Mouse, Rat**	**Western Blot, Immunofluorescence**

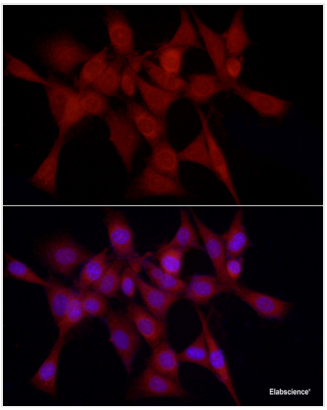
PRODUCT SYNONYMS

Heme Oxygenase 1; Polyclonal Antibody; Heme Oxygenase 1 Polyclonal Antibody; HMOX1; HMOX1D; HO-1; HSP32; bK286B10; heme oxygenase 1; anti-HMOX1 antibody

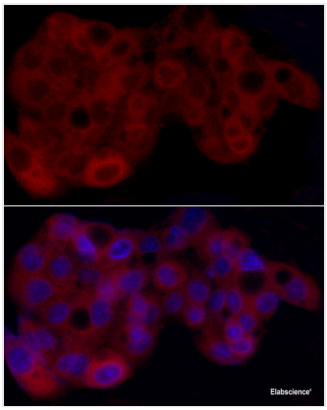
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300,50% glycerol,pH7.3.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-HMOX1 antibody	WB (Western Blot), IF (Immunofluorescence)
Application Notes	WB: 1:500-1:2000 IF: 1:50-1:200
Immunogen	Recombinant fusion protein of human Heme Oxygenase 1
Research Area	Cancer, Cardiovascular, Epigenetics and Nuclear Signaling, Metabolism, Neuroscience, Signal Transduction
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

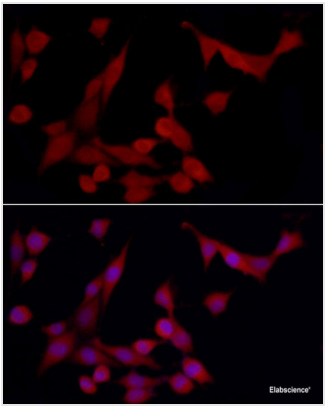
IMAGES



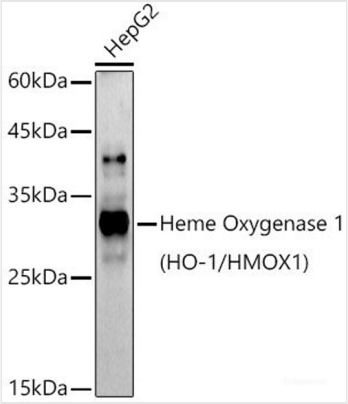
IF (Immunofluorescence)
Immunofluorescence analysis of NIH-3T3 using Heme Oxygenase 1 Polyclonal Antibody at dilution of 1 : 50 (40x lens). Blue: DAPI for nuclear staining.



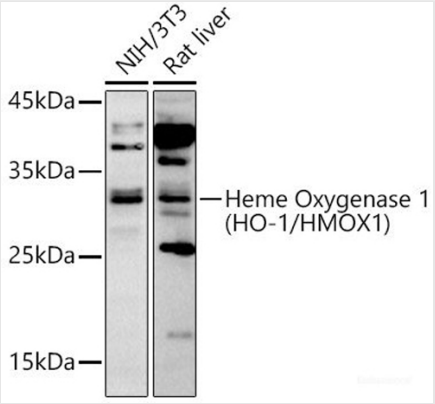
IF (Immunofluorescence)
Immunofluorescence analysis of HepG2 using Heme Oxygenase 1 Polyclonal Antibody at dilution of 1 : 50 (40x lens). Blue: DAPI for nuclear staining.



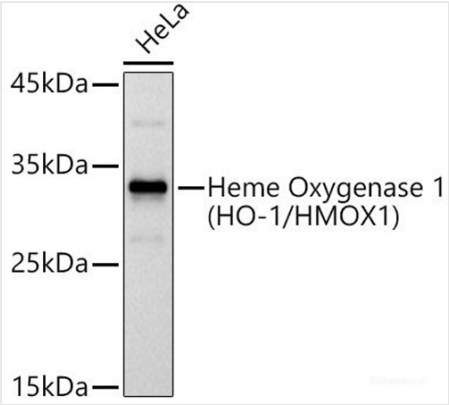
IF (Immunofluorescence)
Immunofluorescence analysis of PC-12 using Heme Oxygenase 1 Polyclonal Antibody at dilution of 1 : 50 (40x lens). Blue: DAPI for nuclear staining.



WB (Western Blot)
Western blot analysis of extracts of HepG2 cells using Heme Oxygenase 1 Polyclonal Antibody at 1:1000 dilution.



WB (Western Blot)
Western blot analysis of extracts of various cell lines using Heme Oxygenase 1 Polyclonal Antibody at 1:1000 dilution.



WB (Western Blot)
Western blot analysis of extracts of HeLa cells using Heme Oxygenase 1 Polyclonal Antibody at 1:1000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-HMOX1 antibody	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	Antibodies; Primary Antibodies; Polyclonal Antibody

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 (decycling) 1

NCBI Official Symbol	HMOX1
NCBI Official Synonym Symbols	HO-1; HSP32; HMOX1D; bK286B10
NCBI Protein Information	heme oxygenase 1; heat shock protein, 32-kD
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/polyclonal/heme-oxygenase-1-antibody-western-blot-immunofluorescence-elisa/22319