

Anti-HMOX1 antibody (1-288) (STJ116419)

STJ116419

GENERAL INFORMATION

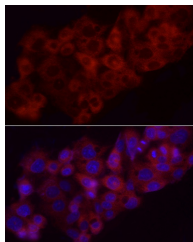
Product Type	Primary antibodies
Short Description	
Applications	WB/IHC-P/IF/ICC/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

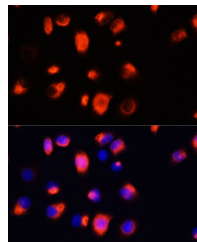
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution	WB:1:1000-1:5000
Range	IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.09% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.
Instruction	

TARGET INFORMATION

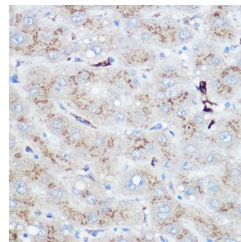
Gene ID	3162
Gene Symbol	HMOX1
Uniprot ID	HMOX1_HUMAN
Immunogen	1-288
Region	
Specificity	A synthetic peptide corresponding to a sequence within amino acids 1-288 of human Heme Oxygenase 1 (HO-1/HMOX1) (NP_002124.1).
Immunogen Sequence	MERPQDSDMPQDLSEALKEA TKEVHTQAENAEFMRNFQKG QVTRDGFKLVMASLYHIYVA LEEEIERNKESPVFAPVYFP EELHRKAALQDLAFWYGPR WQEVIPYTPAMQRYVKRLHE VGRTEPELLVAHAYTRYLGD LSGGQVLKIAQKALDLPSS GEGLAFFTFPNIASATKFKQ LYRSRMNSLEMTPAVRQRVI EEAKTAFLLNIQLFEELQEL LTHDTKDQSPSRAPGLRQR



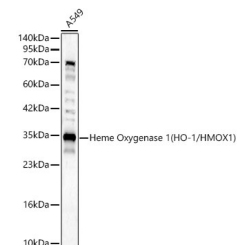
Immunofluorescence analysis of HepG2 cells using Heme Oxygenase 1 (HO-1/HMOX1) Rabbit polyclonal antibody (STJ116419) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of HeLa cells using Heme Oxygenase 1 (HO-1/HMOX1) antibody (STJ116419) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of paraffin-embedded human liver using Heme Oxygenase 1 (HO-1/HMOX1) Rabbit polyclonal antibody (STJ116419) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Western blot analysis of A549, using Heme Oxygenase 1 (HO-1/HMOX1) Rabbit polyclonal antibody (STJ116419) at 1:2000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ST-SD00856) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
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