

Anti-HMOX1 antibody (1-265) (STJ113706)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

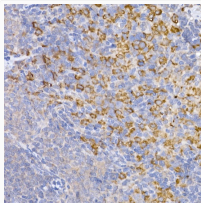
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.09% Sodium Azide, 50% Glycerol, pH7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 33kDa Observed Mw: 33kDa/
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

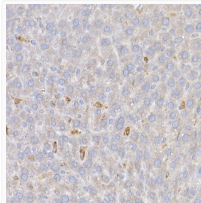
Gene ID	3162
Gene Symbol	HMOX1
UniProt ID	HMOX1_HUMAN
Immunogen Region	1-265
Immunogen Sequence	MERPQDPSMPQDLSEALKEA TKEVHTQAENAEFMRNFQKG QVTRDGFKLVMASLYHIYVA LEEEIERNKESPVFAPVYFP EELHRKAALQDLAFWYGPR WQEVIPYTPAMQRYVKRLHE VGRTEPELLVAHAYTRYLGD LSGGQVLKKIAQKALDLPSS GEGLAFFTFPNIASATKFKQ LYRSRMNSLEMTPAVRQRVI EEAKTAFLLNIQLFEELQEL LTHDTKDQSPSRAPGLRQR
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-265 of human Heme Oxygenase 1 (HO-1/HMOX1) (NP_002124.1).

ADDITIONAL INFORMATION

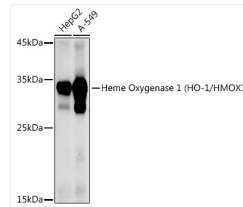
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



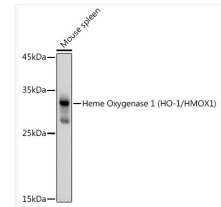
Immunohistochemistry analysis of Heme Oxygenase 1 (HO-1/HMOX1) in paraffin-embedded Rat spleen using Heme Oxygenase 1 (HO-1/HMOX1) Rabbit polyclonal antibody (STJ113706) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6. 0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of Heme Oxygenase 1 (HO-1/HMOX1) in paraffin-embedded Rat liver using Heme Oxygenase 1 (HO-1/HMOX1) Rabbit polyclonal antibody (STJ113706) at dilution of 1:50 (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 various lysates using Heme Oxygenase 1 (HO-1/HMOX1) Rabbit polyclonal antibody (STJ113706) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 90s.



Western blot analysis of lysates from Mouse spleen, using Heme Oxygenase 1 (HO-1/HMOX1) Rabbit polyclonal antibody (STJ113706) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 3s.