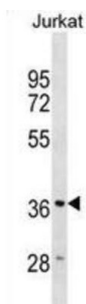


Heme Oxygenase 2 (HMOX2) Antibody

Catalogue No.: abx030942



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 Heme Oxygenase 2 belong to the heme oxygenase family. Alternative splice variants encoding the same protein have been identified at this locus.

Target:	Heme Oxygenase 2 (HMOX2)
Clonality:	Polyclonal
Reactivity:	Human
Tested Applications:	ELISA, WB
Host:	Rabbit
Recommended dilutions:	WB: 1/1000. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	KLH-conjugated synthetic peptide between 24-52 amino acids from the N-terminal region of human HMOX2.
Isotype:	IgG
Form:	Liquid
Purification:	Purified through a protein A column, followed by peptide affinity purification.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P30519 (UniProt , ExPASy)

Datasheet

Version: 3.0.0

Revision date: 28 May 2025



Gene Symbol: HMOX2

KEGG: hsa:3163

String: [9606.ENSP00000477572](https://string-db.org/cgi/show.do?query=HMOX2&organism=hsa)

Enzyme Commission Number: EC 1.14.14.18, EC 1.14.99.3

Molecular Weight: Calculated MW: 36 kDa

Buffer: PBS containing 0.09% sodium azide.

Specificity: Predicted to react with Mouse, Rat and Monkey HMOX2.

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only