

HMOX2 antibody

Catalog No: #38455

Package Size: #38455-1 50ul #38455-2 100ul

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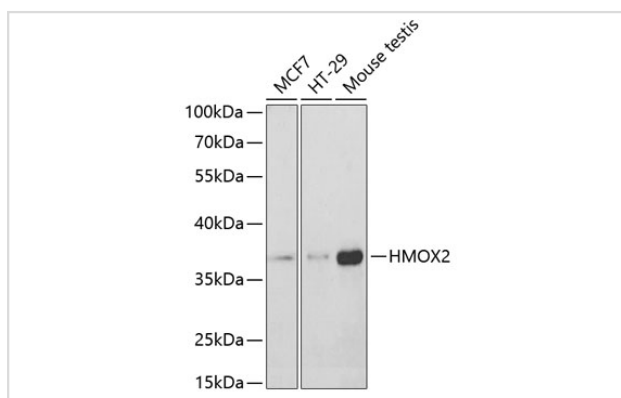
Description

Product Name	HMOX2 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total HMOX2 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human HMOX2.
Target Name	HMOX2
Other Names	HO-2
Accession No.	Swiss-Prot#: P30519NCBI Gene ID: 3163
Uniprot	P30519
GeneID	3163;
SDS-PAGE MW	36kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

WB □ 1:500 - 1:1000

Images



Western blot analysis of extracts of various cell lines, using HMOX2 at 1:400 dilution.

Background

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. Alternative splice variants encoding the same protein have been identified at this locus.

Note: This product is for in vitro research use only