

HO1 rabbit pAb

Catalog No.	IPB14391
Reactivity	Human; Mouse; Rat
Applications	WB
Dilution	WB: 1:500-2000
Gene Name	HMOX1 HO HO1
Protein Name	HO1
Human Gene Id	3162
Swiss-Prot	P09601
Formulation	Liquid in PBS containing 50% glycerol, and 0.30% sodium azide
Source	Rabbit
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen
Concentration	1 mg/ml
Storage&Stability	-20°C/1 year
Subcellular Location	Endoplasmic reticulum membrane; Single-pass type IV membrane protein; Cytoplasmic side
MW	31680
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.

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