

Product Datasheet

Heme Oxygenase 1 Antibody

Catalog No: CY8761

Reactivity: Human Mouse Rat

IsoType: Rabbit IgG

Applications: WB IHC ICC/IF IP FC



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Information

UniProt ID: P09601

All Names: Heme oxygenase 1, EC:1.14.14.18, HO-1, HMOX1, HO

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide derived from human HMOX1

Molecular Wt.: 30kDa

Application

WB 1:1000~1:5000

IHC 1:1000~1:10000

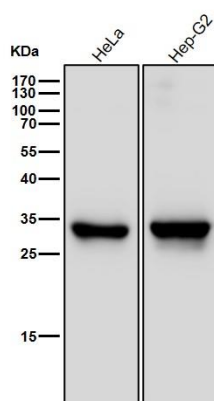
ICC/IF 1:100~1:500

IP 1:50

FC 1:50

Background

Hemeoxygenase (HO) is the rate-limiting enzyme in the catabolism of heme that results in the release of carbon monoxide, iron, and biliverdin. The products of this enzymatic reaction play important biological roles in antioxidant, anti-inflammatory and cytoprotective functions. Hemeoxygenase comprises two isozymes, including the constitutively expressed HO-2 isozyme and the inducible HO-1 isozyme.



All lanes use the Antibody at 1:3K dilution for 1 hour at room temperature.

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