

## HMOX2

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**Reactivity:**Human Mouse Rat

**Tested applications:**WB

**Recommended Dilution:**WB 1:500 - 1:1000

**Calculated MW:**36kDa

**Observed MW:**Refer to Figures

**Immunogen:**

Recombinant protein of human HMOX2

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

HO-2

**Catalog #:**A2745

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**3163

**Isotype:**IgG

**Swiss Prot:**P30519

**Purity:**Affinity purification

For research use only.

**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.

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