

## Product datasheet for **TA323816S**

### Heme oxygenase 2 (HMOX2) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 500-2000 WB positive control: HepG2 cells
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein corresponding to a region derived from 82-316 amino acids of human heme oxygenase (decycling) 2
Formulation:	PBS pH7.3, 0.05% NaN <sub>3</sub> , 50% glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	36 kDa
Gene Name:	heme oxygenase 2
Database Link:	<a href="#">NP_001120676</a> <a href="#">Entrez Gene 15369 Mouse</a> <a href="#">Entrez Gene 79239 Rat</a> <a href="#">Entrez Gene 3163 Human</a> <a href="#">P30519</a>
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.?
Synonyms:	HO-2



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Protein Families: Transmembrane

Protein Pathways: Porphyrin and chlorophyll metabolism

### Product images:



Gel: 10%SDS-PAGE

Lysate: 30  $\mu$ g

Lane: HepG2 cells

Primary antibody: [TA323816] (HMOX2 Antibody)  
at dilution 1/500

Secondary antibody: Goat anti rabbit IgG at  
1/8000 dilution

Exposure time: 15 seconds