

Datasheet for ABIN7384327 **anti-HMOX1 antibody**



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Overview

Quantity:	50 µL
Target:	HMOX1
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This HMOX1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Clone:	R03-8A2
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	HMOX1
Alternative Name:	Heme Oxygenase 1 (HMOX1 Products)
Background:	32 kD,bK286B10,D8Wsu38e,heat shock protein 32 kD,heat shock protein 32kD,Heat shock protein,Heme oxygenase (decycling) 1,Heme oxygenase 1,Hemox,HMOX1,Hmox,Hmox1,HMOX1,HO 1,HO,HO-1,HO1,Hsp32,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

Target Details

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.

Molecular Weight: Observed_MW: 33kDa
Calculated_MW: 33kDa

Gene ID: 3162

UniProt: [P09601](#)

Pathways: [Transition Metal Ion Homeostasis](#), [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#), [Production of Molecular Mediator of Immune Response](#), [SARS-CoV-2 Protein Interactome](#)

Application Details

Application Notes: WB 1:1000-1:2000

Restrictions: For Research Use only

Handling

Concentration: 300 µg/mL

Buffer: 50 mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40 % Glycerol, 0.01 % Sodium azide and 0.05 % BSA

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.