

Datasheet for ABIN6735311
anti-HMOX1 antibody (N-Term)



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Overview

Quantity:	100 µg
Target:	HMOX1
Binding Specificity:	N-Term
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HMOX1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	A 13-aa peptide sequence within the N-terminus of rat HO-1 (1) was synthesized, coupled to KLH.
Isotype:	IgG
Specificity:	The rat sequence is 92 % conserved in human and mouse HO-1. Has no significant homology with HO-2.
Purification:	Immunoaffinity purified

Target Details

Target:	HMOX1
Alternative Name:	HMOX1 / HO-1 (HMOX1 Products)

Target Details

Background:	Name/Gene ID: HMOX1 Synonyms: HMOX1, BK286B10, HO-1, HSP32, Heat shock protein, 32-kD, Heme oxygenase (decycling) 1, Heme oxygenase 1, HO1
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:	Approved: ELISA (1:100000), WB (1:1000 - 1:5000) Usage: Suitable for use in ELISA, Western Blot. Western Blot: 1:1000-1:5000 for antiserum and 1-10 µg/mL for aff. pure IgG using ECL. HO-1 ~31-33kD. ELISA: ~1:100000 using 50-100 ng control peptide/well.
Comment:	Target Species of Antibody: Rat
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, pH 7.4, 0.1 % BSA.
Handling Advice:	avoid freeze thaw cycles. Store undiluted.
Storage:	4 °C, -20 °C
Storage Comment:	Short term 4°C, long term aliquot and store at -20°C, avoid freeze-thaw cycles. Store undiluted.