

Datasheet for ABIN6735312
anti-HMOX1 antibody (N-Term)



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Overview

Quantity:	100 µg
Target:	HMOX1
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse, Dog, Cow, Monkey
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This HMOX1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	A 30-aa peptide sequence within the N-terminus of human HO-1 coupled to KLH.
Isotype:	IgG
Specificity:	Recognizes human Heme Oxygenase, ~32kD. Does not cross-react with HO-2. Species cross-reactivity: Recognizes a band ~32 kD in monkey, mouse, bovine, rat, and canine.
Purification:	Immunoaffinity purified

Target Details

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

Target Details

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 (1:50000), WB (1 - 10 µg/mL)

Usage: Suitable for use in ELISA and Western Blot. Western Blot: 1-10 µg/mL. (HO-1 ~31-33kD).
ELISA: 1:50000. Use.

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: PBS, 0.1 % BSA, 40 % glycerol.

Handling Advice: Avoid repeat freeze-thaw cycles.

Storage: 4 °C, -20 °C

Storage Comment: Short term: 4°C. Long term: Store at -20°C. Avoid freeze-thaw cycles.