

Datasheet for ABIN6656075
anti-HMOX1 antibody



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	HMOX1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HMOX1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Fluorescence Microscopy (FM)

Product Details

Purpose:	HO-1 Antibody
Immunogen:	HO-1 Antibody was produced from whole rabbit serum prepared by repeated immunizations raised against a human heme-oxygenase (HO-1) synthetic multiple antigenic synthetic peptide.
Isotype:	IgG
Cross-Reactivity (Details):	A BLAST analysis was used to suggest cross-reactivity with HO-1 from Human, Mouse, Rat and Dog based on 100 % homology with the immunizing sequence.
Purification:	Anti-HO-1 Antibody was purified by affinity chromatography.
Sterility:	Sterile filtered

Target Details

Target:	HMOX1
---------	-------

Target Details

Alternative Name:	HO-1 (HMOX1 Products)
Background:	Synonyms: Hsp32, HMOX1, Heme oxygenase 1, HO, HO1 Background: Heme-oxygenase is a ubiquitous enzyme that catalyzes Heme-oxygenase is a ubiquitous enzyme that catalyzes. Gene Name: HMOX1
Gene ID:	3162
NCBI Accession:	NP_002124
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:	Immunohistochemistry_Dilution: User Optimized IF_Microscopy_Dilution: 1:100 Western_Blot_Dilution: 1:1000 Other: ICC: 1:100
Comment:	Anti-HO-1 Antibody has been tested in WB, IHC, IF. Expect a band approximately ~32kDa protein, corresponding to the molecular mass of HO-1 on SDS Page immunoblots. Specific conditions for reactivity should be optimized by the end user.
Restrictions:	For Research Use only

Handling

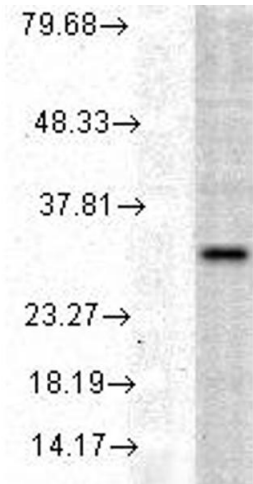
Format:	Liquid
Buffer:	Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 Stabilizer: 50 % (v/v) Glycerol Preservative: 0.09 % (w/v) Sodium Azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C

Handling

Storage Comment: Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

Expiry Date: 12 months

Images



Western Blotting

Image 1. HO-1 Western Blot. Western Blot of rabbit anti-HO-1 antibody. Lane 1: Human cell line mix. Lane 2: none. Load: 35 µg per lane. Primary antibody: HO-1 antibody at 1:1000 for overnight at 4°C. Secondary antibody: rabbit secondary antibody at 1:10,000 for 45 min at RT. Block: 5% BLOTTO overnight at 4°C. Predicted/Observed size: 32.8 kDa, ~35 kDa for HO-1. Other band(s): none.