

Datasheet for ABIN5539836
anti-HMOX1 antibody (AA 242-256)



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1 Image

Overview

Quantity:	100 µg
Target:	HMOX1
Binding Specificity:	AA 242-256
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This HMOX1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Heme Oxygenase 1 (aa242-256)
Sequence:	NKVQDSAPVE TPRGK
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	HMOX1
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Target Details

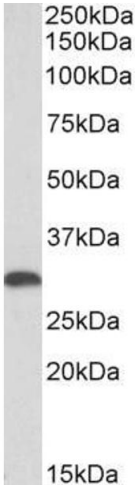
Alternative Name:	HMOX1 (HMOX1 Products)
Background:	HMOX1, heme oxygenase (decycling) 1, HO-1, HSP32, bK286B10, OTTHUMP00000198812, heat shock protein, 32-kD, heme oxygenase 1
Gene ID:	3162
NCBI Accession:	NP_002124
Pathways:	Transition Metal Ion Homeostasis , Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process , Production of Molecular Mediator of Immune Response , SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	Western Blot: Approx 30 kDa band observed in Human Liver lysates (calculated MW of 32.8 kDa according to NP_002124.1). Recommended concentration: 0.3-1 µg/mL. Peptide ELISA: antibody detection limit dilution 1:128000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

Image 1. ABIN5539836 (0.3µg/ml) staining of Human Liver lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.