

Datasheet for ABIN516552
anti-HMOX1 antibody (AA 1-288)



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3 Images

Overview

Quantity:	50 µg
Target:	HMOX1
Binding Specificity:	AA 1-288
Reactivity:	Human
Host:	Mouse
Clonality:	Polyclonal
Conjugate:	This HMOX1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Purpose:	Mouse polyclonal antibody raised against a full-length human HMOX1 protein.
Immunogen:	HMOX1 (ENSP00000216117, 1 a.a. ~ 288 a.a) full-length human protein.
Sequence:	MERPQDSMP QDLSEALKEA TKEVHTQAEN AEFMRNFQKG QVTRDGFKLV MASLYHIYVA LEEEIERNKE SPVFAPVYFP EELHRKAALE QDLAFWYGPR WQEVIPYTPA MQRVYKRLHE VGRTEPELLV AHAYTRYLGD LSGGQVLKKI AQKALDLPSS GEGLAFFTFP NIASATKFKQ LYRSRMNSLE MTPAVRQRVI EEAKTAFLLN IQLFEELQEL LTHDTKDQSP SRAPGLRQRA SNKVQDSAPV ETPRGKPPLN TRSQAPLLRW VLTLSFLVAT VAVGLYAM
Cross-Reactivity:	Human
Characteristics:	Antibody reactive against mammalian transfected lysate.

Target Details

Target:	HMOX1
Alternative Name:	HMOX1 (HMOX1 Products)
Background:	Full Gene Name: heme oxygenase (decycling) 1 Synonyms: HO-1,HSP32,bK286B10
Gene ID:	3162
NCBI Accession:	NM_002133
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

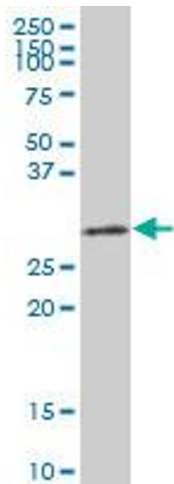
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

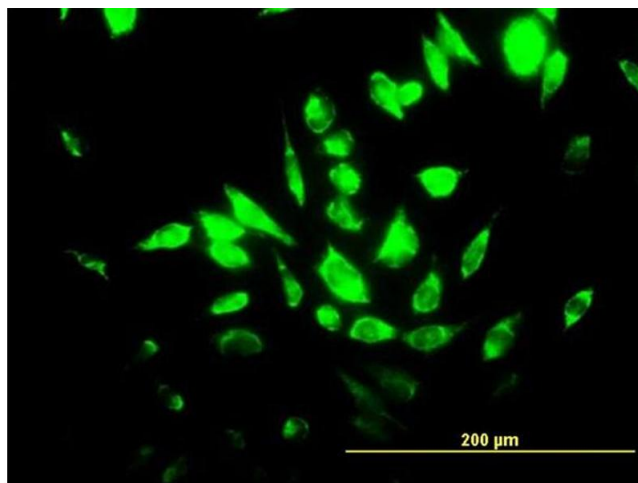
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images



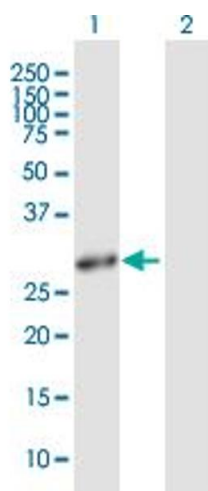
Western Blotting

Image 1. HMOX1 MaxPab polyclonal antibody. Western Blot analysis of HMOX1 expression in human spleen.



Immunofluorescence

Image 2. Immunofluorescence of purified MaxPab antibody to HMOX1 on HeLa cell. [antibody concentration 10 ug/ml]



Western Blotting

Image 3. Western Blot analysis of HMOX1 expression in transfected 293T cell line by HMOX1 MaxPab polyclonal antibody.

Lane 1: HMOX1 transfected lysate(31.68 KDa).

Lane 2: Non-transfected lysate.