

Datasheet for ABIN7003767

anti-HMOX1 antibody[Go to Product page](#)**2** Images

Overview

Quantity:	20 µL
Target:	HMOX1
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HMOX1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	Fusion protein of human HMOX1
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Antigen affinity purification

Target Details

Target:	HMOX1
Alternative Name:	HMOX1 (HMOX1 Products)
Background:	Heme oxygenase, an essential enzyme in heme catabolism, cleaves heme to form biliverdin, which is subsequently converted to bilirubin by biliverdin reductase, and carbon monoxide, a putative neurotransmitter. Heme oxygenase activity is induced by its substrate heme and by various nonheme substances. Heme oxygenase occurs as 2 isozymes, an inducible heme

Target Details

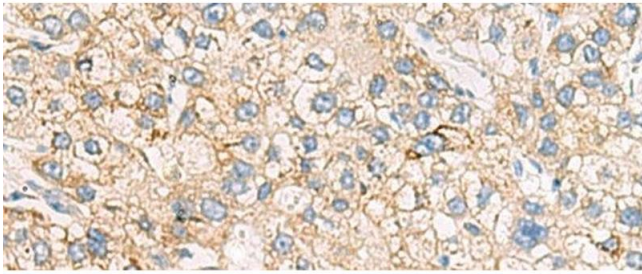
	oxygenase-1 and a constitutive heme oxygenase-2. HMOX1 and HMOX2 belong to the heme oxygenase family.
Molecular Weight:	Observed_MW: Refer to figures Calculated_MW: 33 kDa
UniProt:	P09601
Pathways:	Transition Metal Ion Homeostasis , Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process , Production of Molecular Mediator of Immune Response , SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	WB 1:500-1:2000, IHC 1:50-1:200, ELISA 1:5000-1:10000
Restrictions:	For Research Use only

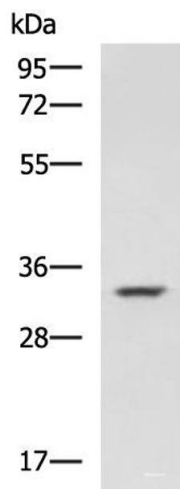
Handling

Format:	Liquid
Concentration:	1.2 mg/mL
Buffer:	PBS with 0.05 % Sodium azide and 40 % Glycerol, pH 7.4
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human liver cancer tissue using HMOX1 Polyclonal Antibody at dilution of 1:70(x200)



Western Blotting

Image 2. Western blot analysis of A549 cell lysate using HMOX1 Polyclonal Antibody at dilution of 1:800