

Datasheet for ABIN7154951
anti-HMOX1 antibody (AA 3-288)



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3 Images

Overview

Quantity:	100 µg
Target:	HMOX1
Binding Specificity:	AA 3-288
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HMOX1 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Heme oxygenase 1 protein (3-288AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	HMOX1
Alternative Name:	HMOX1 (HMOX1 Products)
Background:	Background: Heme oxygenase cleaves the heme ring at the alpha methene bridge to form biliverdin. Biliverdin is subsequently converted to bilirubin by biliverdin reductase. Under

Target Details

physiological conditions, the activity of heme oxygenase is highest in the spleen, where senescent erythrocytes are sequestered and destroyed.

Aliases: 32 kD antibody, bK286B10 antibody, D8Wsu38e antibody, heat shock protein 32 kD antibody, heat shock protein 32kD antibody, Heat shock protein antibody, Heme oxygenase (decycling) 1 antibody, Heme oxygenase 1 antibody, Hemox antibody, HMOX 1 antibody, Hmox antibody, Hmox1 antibody, HMOX1_HUMAN antibody, HO 1 antibody, HO antibody, HO-1 antibody, HO1 antibody, Hsp32 antibody

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: Recommended dilution: IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

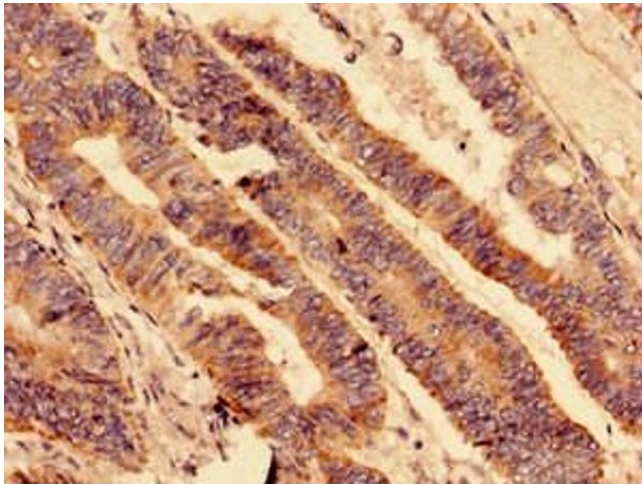
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

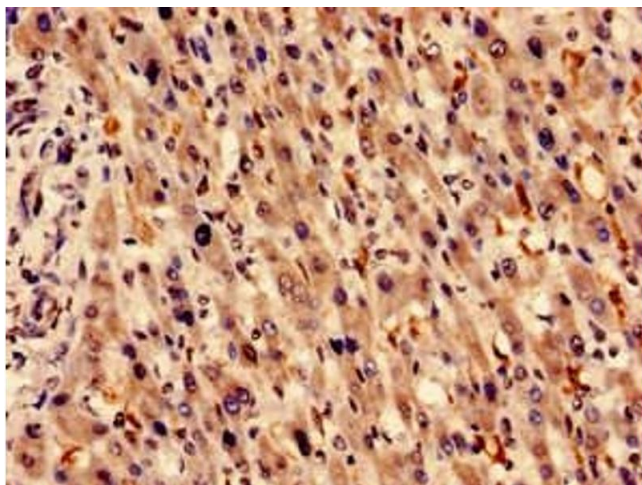
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



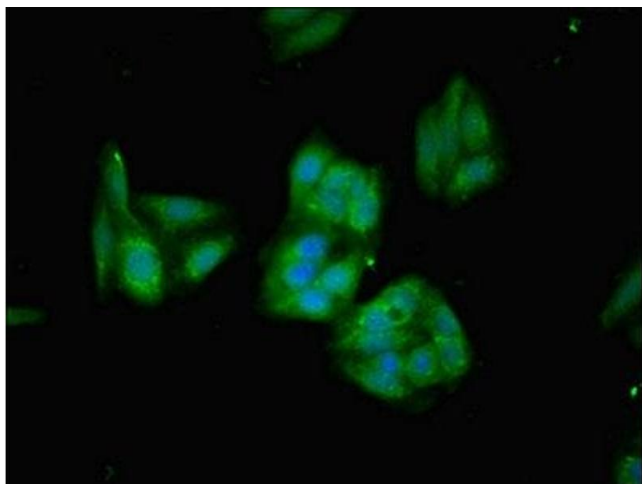
Immunocytochemistry

Image 1. Immunocytochemistry analysis of human colon cancer using ABIN7154951 at dilution of 1:100



Immunocytochemistry

Image 2. Immunocytochemistry analysis of human liver cancer using ABIN7154951 at dilution of 1:100



Immunofluorescence

Image 3. Immunofluorescent analysis of HepG2 cells using ABIN7154951 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)