

Datasheet for ABIN7425956
anti-HMOX1 antibody (AA 61-172)

5 Images

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Overview

Quantity:	100 µL
Target:	HMOX1
Binding Specificity:	AA 61-172
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This HMOX1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Heme Oxygenase 1 (HO1)
Immunogen:	Recombinant Heme Oxygenase 1 (HO1) corresponding to Leu61~Ile172 with N-terminal His Tag
Clone:	A4
Isotype:	IgG2b kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against HO1. It has been selected for its ability to recognize HO1 in immunohistochemical staining and western blotting.
Purification:	Protein A + Protein G affinity chromatography

Target Details

Target:	HMOX1
Alternative Name:	Heme Oxygenase 1 (HMOX1 Products)
Background:	HMOX1, Hsp32, HMOX1D
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 blotting: 0.5-5 µg/mL Immunohistochemistry: 5-30 µg/mL Immunocytochemistry: 5-30 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

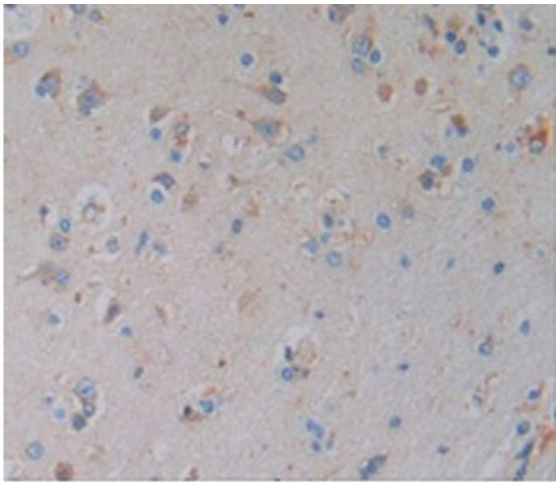
Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
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
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



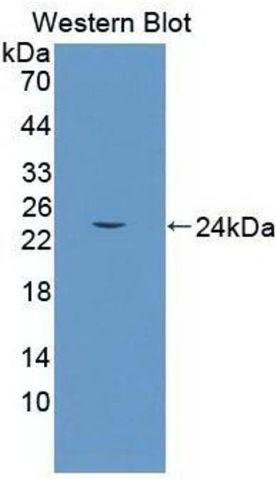
Western Blotting

Image 1. Detection of H01 in Human Hela cell lysate using Monoclonal Antibody to Heme Oxygenase 1 (H01)



Immunohistochemistry

Image 2. Detection of H01 in Human Brain Tissue using Monoclonal Antibody to Heme Oxygenase 1 (H01)



Western Blotting

Image 3. Detection of Recombinant H01, Human using Monoclonal Antibody to Heme Oxygenase 1 (H01)

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7425956.