

Datasheet for ABIN7451457
anti-HMOX1 antibody (AA 1-50)



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Overview

Quantity:	100 µg
Target:	HMOX1
Binding Specificity:	AA 1-50
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HMOX1 antibody is un-conjugated
Application:	Immunoprecipitation (IP)

Product Details

Purpose:	Rabbit anti-HO-1 Antibody, Affinity Purified
Immunogen:	Between AA 1 and 50
Isotype:	IgG
Predicted Reactivity:	Mouse,Orangutan
Purification:	Affinity Purified

Target Details

Target:	HMOX1
Alternative Name:	HO-1 (HMOX1 Products)
Background:	Background: Heme oxygenase 1 (HO-1) cleaves the heme ring at the alpha methene bridge to

Target Details

form biliverdin. Biliverdin is subsequently converted to bilirubin by biliverdin reductase. Under physiological conditions, the activity of heme oxygenase is highest in the spleen, where senescent erythrocytes are sequestered and destroyed [taken from the Universal Protein Resource (UniProt) P14618].

Gene ID: 3162

NCBI Accession: [NP_002124](#)

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: IP: 2 - 10 µg/mg lysate
WB: Not recommended

Restrictions: For Research Use only

Handling

Concentration: 1000 µg/mL

Buffer: Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % Sodium Azide

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

Expiry Date: 12 months