

Hmox1 Rabbit pAb

Catalog No.: A23650 2 Publications

Basic Information

Observed MW

30kDa/35kDa

Calculated MW

33kDa

Category

Primary antibody

Applications

WB, IF-P, IHC-P, ELISA

Cross-Reactivity

Mouse, Rat

Background

Predicted to enable several functions, including heme binding activity; heme oxygenase (decyclizing) activity; and protein homodimerization activity. Acts upstream of or within several processes, including cellular response to cisplatin; cellular response to metal ion; and regulation of macroautophagy. Located in nucleus. Is expressed in several structures, including alimentary system; central nervous system; early conceptus; genitourinary system; and sensory organ. Used to study hemochromatosis and malaria. Human ortholog(s) of this gene implicated in several diseases, including artery disease (multiple); cerebrovascular disease (multiple); factor VIII deficiency; lung disease (multiple); and sickle cell anemia. Orthologous to human HMOX1 (heme oxygenase 1).

Recommended Dilutions

WB	1:500 - 1:1000
IF-P	1:50 - 1:200
IHC-P	1:50 - 1:200
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

15368

Swiss Prot

P14901

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

HO1; HO-1; Hmox; Hemox; Hsp32; D8Wsu38e; Hmox1

Contact

	400-999-6126
	cn.market@abclonal.com.cn
	www.abclonal.com.cn

Product Information

Source

Rabbit

Isotype

IgG

Purification

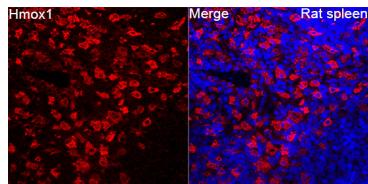
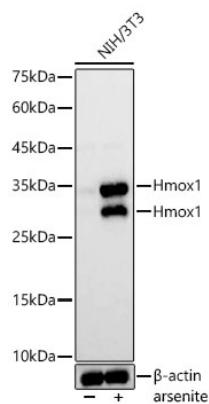
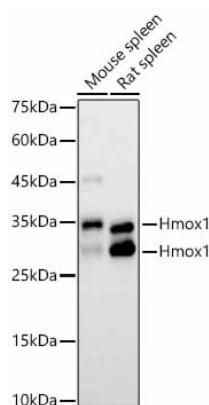
Affinity purification

Storage

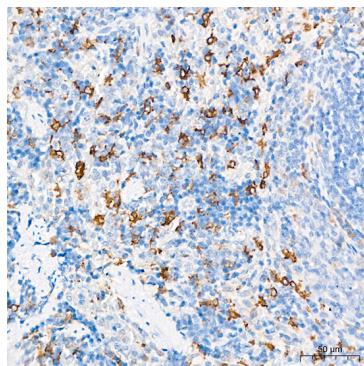
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Immunofluorescence analysis of Rat spleen tissue using Hmox1 Rabbit pAb (A23650) at a dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining. High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining.



Immunohistochemistry analysis of paraffin-embedded Rat spleen tissue using Hmox1 Rabbit pAb (A23650) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.