

Datasheet for ABIN1539215
anti-HMOX2 antibody (N-Term)



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1 Image

Overview

Quantity:	400 µL
Target:	HMOX2
Binding Specificity:	AA 24-52, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HMOX2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This HMOX2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 24-52 amino acids from the N-terminal region of human HMOX2.
Clone:	RB40236
Isotype:	Ig Fraction
Predicted Reactivity:	Pr, M, Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	HMOX2
Alternative Name:	HMOX2 (HMOX2 Products)

Target Details

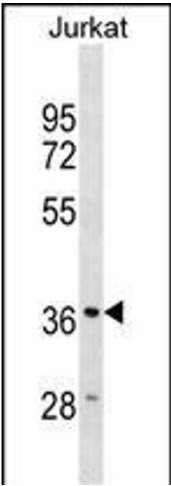
Background:	Heme oxygenase, an essential enzyme in heme catabolism, cleaves heme to form biliverdin, which is subsequently converted to bilirubin by biliverdin reductase, and carbon monoxide, a putative neurotransmitter. Heme oxygenase activity is induced by its substrate heme and by various nonheme substances. Heme oxygenase occurs as 2 isozymes, an inducible heme oxygenase-1 and a constitutive heme oxygenase-2. HMOX1 and HMOX2 belong to the heme oxygenase family. Alternative splice variants encoding the same protein have been identified at this locus.
Molecular Weight:	36033
Gene ID:	3163
NCBI Accession:	NP_001120676 , NP_001120677 , NP_001120678 , NP_002125
UniProt:	P30519
Pathways:	Transition Metal Ion Homeostasis

Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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,-20 °C
Storage Comment:	HMOX2 Antibody (N-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.
Expiry Date:	6 months



Western Blotting

Image 1. HMOX2 Antibody (N-term) (ABIN1539215 and ABIN2838325) western blot analysis in Jurkat cell line lysates (35 µg/lane). This demonstrates the HMOX2 antibody detected the HMOX2 protein (arrow).