

Rabbit Heme Oxygenase-2 (HO-2) Polyclonal Antibody | anti-HO-2 antibody

Heme Oxygenase 2 (HO-2) Polyclonal Antibody

CATALOG # AAA47857	HOST Rabbit	APPLICATIONS Immunohistochemistry, Immunoblot, Western Blot
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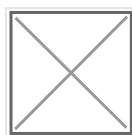
PRODUCT SYNONYMS

Heme Oxygenase-2 (HO-2); Polyclonal Antibody; Heme Oxygenase 2 (HO-2) Polyclonal Antibody; anti-HO-2 antibody

PRODUCT SPECIFICATIONS

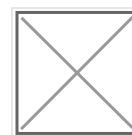
Host	Rabbit
Clonality	Polyclonal
Specificity	This antibody recognizes human, mouse, and rat HO-2.
Form/Format	100ug (1mg/ml) Protein A-purified antibody in PBS, pH 7.4, 50% glycerol, 0.09% sodium azide.
Sequence Length	315
Applicable Applications for anti-HO-2 antibody	IHC (Immunohistochemistry), IB (Immunoblot)
Immunogen	Full-length native rat HO-2 purified from testes.
Preparation and Storage	This antibody is stable for at least one (1) year at -20 degree C.

IMAGES



Application Data

Detection of HO-2 in rat spinal cord at 1ug/ml.



Application Data

Detection of HO-2 in rat brain lysates at 1ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-HO-2 antibody	Heme oxygenase (HO) catalyzes the degradation of heme at the alpha-methene bridge to form biliverdin. Three isoforms of heme oxygenase are known. Heme oxygenase 1 (HO-1) is an inducible isoform in response to stress such as oxidative stress, hypoxia, heavy metals, cytokines, etc. Heme oxygenase 2 (HO-2) is a constitutive isoform that is expressed under homeostatic conditions. Both HO-1 and HO-2 are ubiquitously expressed and catalytically active. HO-1 is encoded by the HMOX1 gene and HO-2 by HMOX2. A third heme oxygenase (HO-3) is not catalytically active, but is thought to work in oxygen sensing.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	13242295
NCBI GeneID	79239
NCBI Accession #	NP_077363.1
NCBI GenBank Nucleotide #	NM_024387.2

UniProt Accession #	P23711
Molecular Weight	35,762 Da
NCBI Official Full Name	heme oxygenase 2
NCBI Official Synonym Full Names	heme oxygenase 2
NCBI Official Symbol	Hmox2
NCBI Official Synonym Symbols	Ho-2
NCBI Protein Information	heme oxygenase 2
UniProt Protein Name	Heme oxygenase 2
UniProt Gene Name	Hmox2
UniProt Synonym Gene Names	HO-2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/heme-oxygenase-2-ho-2-antibody-immunohistochemistry-immunoblot-elisa/47857>