

Rabbit Heme oxygenase 2 Polyclonal Antibody | anti-HMOX2 antibody

Anti-HMOX2 Antibody

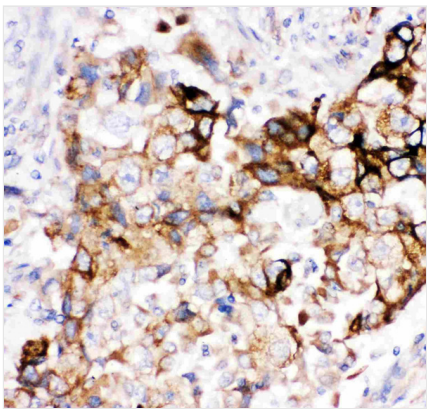
CATALOG # AAA46059	HOST Rabbit	REACTIVITY Human. No cross reactivity with other proteins.	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

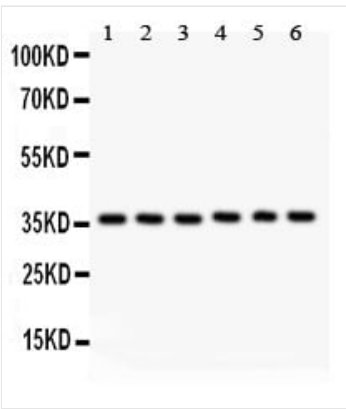
Heme oxygenase 2; Polyclonal Antibody; Anti-HMOX2 Antibody; Heme oxygenase (decycling) 2 antibody; Heme oxygenase (decyclizing) 2 antibody; Heme oxygenase 2 antibody; HMOX 2 antibody; HMOX2 antibody; HMOX2 protein antibody; HMOX2_HUMAN antibody; HO 2 antibody; HO-2 antibody; HO2 antibody; OTTHUMP00000159847 antibody; heme oxygenase (decycling) 2; anti-HMOX2 antibody

PRODUCT SPECIFICATIONS

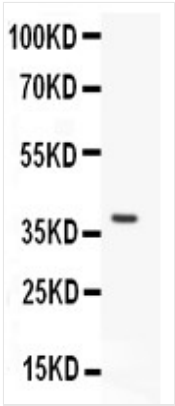
Host	Rabbit
Reactivity	Human. No cross reactivity with other proteins.
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
Sequence Length	316
Applicable Applications for anti-HMOX2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Immunogen	E.coli-derived human HMOX2 recombinant protein (Position: S2-M316). Human HMOX2 shares 89% and 90% amino acid (aa) sequences identity with mouse and rat HMOX2, respectively.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.



IHC (Immunohistochemisry)
Anti- HMOX2 antibody, AAA46059, IHC(P)IHC(P): Human Lung Cancer Tissue



WB (Western Blot)
Anti- HMOX2 antibody, AAA46059, Western blottingAll lanes: Anti HMOX2 (AAA46059) at 0.5ug/mlLane 1: Rat Kidney Tissue Lysate at 50ugLane 2: A549 Whole Cell Lysate at 40ugLane 3: COLO320 Whole Cell Lysate at 40ugLane 4: MM231 Whole Cell Lysate at 40ugLane 5: HELA Whole Cell Lysate at 40ugLane 6: SKOV Whole Cell Lysate at 40ugPredicted bind size: 36KDObserved bind size: 36KD



WB (Western Blot)
Anti- HMOX2 antibody, AAA46059, Western blottingAll lanes: Anti HMOX2 (AAA46059) at 0.5ug/mlWB: Recombinant Human HMOX2 Protein 0.5ngPredicted bind size: 37KDObserved bind size: 37KD

ADDITIONAL INFORMATION

Related Product Information for anti-HMOX2 antibody	Description: Rabbit IgG polyclonal antibody for Heme oxygenase 2(HMOX2) detection. Tested with WB, IHC-P in Human. Background: Heme oxygenase 2 (HMOX2), also known as HO-2, is an enzyme that in humans is encoded by the HMOX2 gene. It is mapped to 16p13.3. HMOX2 belongs to the heme oxygenase family. Heme oxygenase cleaves the heme ring at the alpha methene bridge to 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. Heme oxygenase 2 could be implicated in the production of carbon monoxide in brain where it could act as a neurotransmitter.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	187761307
NCBI GeneID	3163
NCBI Accession #	NP_001120676.1
NCBI GenBank Nucleotide #	NM_001127204.1
UniProt Accession #	P30519; O60605; A8MT35; D3DUD5; I3L430

Molecular Weight	32,837 Da
NCBI Official Full Name	heme oxygenase 2 isoform b
NCBI Official Synonym Full Names	heme oxygenase (decycling) 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	HO2; HO-2
UniProt Entry Name	HMOX2_HUMAN

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-antibody-immunohistochemistry-western-blot-elisa/46059>