

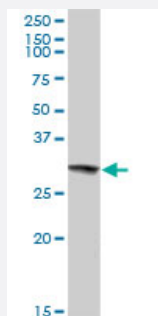
MaxPab®

HMOX1 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00003162-D01P

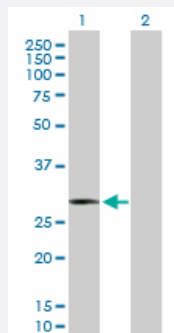
Size 100 ug

Applications



Western Blot (Tissue lysate)

HMOX1 MaxPab rabbit polyclonal antibody. Western Blot analysis of HMOX1 expression in human spleen.



Western Blot (Transfected lysate)

Western Blot analysis of HMOX1 expression in transfected 293T cell line ([H00003162-T02](#)) by HMOX1 MaxPab polyclonal antibody.

Lane 1: HMOX1 transfected lysate(32.80 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human HMOX1 protein.

Immunogen

HMOX1 (ENSP00000216117, 1 a.a. ~ 288 a.a) full-length human protein.

Sequence

MERPQDPSMPQDLSEALKEATKEVHTQAENAEFMRNFQKGQVTRDGFKLVMASLYHIMVALEEE
IERNKESPVFAPVYFPEELHRKAALEQDLAFWYGPRWQEVIPYTPAMQRYVKRLHEVGRTEPELL
VAHAYTRYLGDLSGGQVLKKIAQKALDLPSSGEGLAFFTFPNIASATKFKQLYRSRMNSLEMTPAV
RQRVIEEAKTAFLLNIQLFEELQELLTHDTKDQSPSRAPGLRQRASNKVQDSAPVETPRGKPLN
TRSQAPLLRWVLTLSFLVATVAVGLYAM

Host

Rabbit

Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

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[Protocol Download](#)

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Western Blot analysis of HMOX1 expression in transfected 293T cell line ([H00003162-T02](#)) by HMOX1 MaxPab polyclonal antibody.

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[Protocol Download](#)

Gene Info — HMOX1

Entrez GeneID	3162
GeneBank Accession#	NM_002133
Protein Accession#	ENSP00000216117
Gene Name	HMOX1
Gene Alias	HO-1, HSP32, bK286B10
Gene Description	heme oxygenase (decycling) 1
Omim ID	141250
Gene Ontology	Hyperlink

Gene Summary

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. [provided by RefSeq]

Other Designations

OTTHUMP00000028925|heme oxygenase (decyclizing) 1

Pathway

- [Porphyrin and chlorophyll metabolism](#)

Disease

- [Abortion](#)
- [Adenocarcinoma](#)
- [Airway Remodeling](#)
- [alpha 1-Antitrypsin Deficiency](#)
- [Alpha-1-antitrypsin deficiency](#)
- [Alzheimer disease](#)
- [Aortic Aneurysm](#)
- [Arterial Occlusive Diseases](#)
- [Arteriosclerosis](#)
- [Arthritis](#)
- [Asthma](#)
- [Atherosclerosis](#)
- [Brain Diseases](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Cadaver](#)

- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Carotid Artery Diseases](#)
- [Cerebrovascular Accident](#)
- [Chronic Disease](#)
- [Cognition](#)
- [Colitis](#)
- [Constriction](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Coronary Restenosis](#)
- [Crohn Disease](#)
- [Delayed Graft Function](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Diabetic Angiopathies](#)
- [Diabetic Nephropathies](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Dyslipidemias](#)
- [Edema](#)
- [Esophageal Neoplasms](#)
- [Gastrointestinal Stromal Tumors](#)
- [Genetic Predisposition to Disease](#)
- [Glomerulonephritis](#)
- [Hemochromatosis](#)

- [Hereditary hemochromatosis](#)
- [Hypertension](#)
- [Inflammation](#)
- [Inflammatory Bowel Diseases](#)
- [Intracranial Aneurysm](#)
- [Iron Metabolism Disorders](#)
- [Jaundice](#)
- [Kidney Diseases](#)
- [Kidney Failure](#)
- [Liver Cirrhosis](#)
- [Lung Diseases](#)
- [Lung Neoplasms](#)
- [Lymphatic Metastasis](#)
- [Malaria](#)
- [Malignant melanoma](#)
- [Melanoma](#)
- [Metabolic Syndrome X](#)
- [Microsatellite Instability](#)
- [Mouth Neoplasms](#)
- [Mucocutaneous Lymph Node Syndrome](#)
- [Myocardial Infarction](#)
- [Myocardial Ischemia](#)
- [Neoplasm Invasiveness](#)
- [Neoplasms](#)
- [Obesity](#)
- [Osteoporosis](#)

- [Parkinson disease](#)
- [Peripheral Vascular Diseases](#)
- [Pneumonia](#)
- [Polycystic kidney disease](#)
- [Polycystic Kidney Diseases](#)
- [Postoperative Complications](#)
- [Pulmonary Disease](#)
- [Pulmonary Emphysema](#)
- [Recurrence](#)
- [Renal Insufficiency](#)
- [Respiratory Distress Syndrome](#)
- [Severe Acute Respiratory Syndrome](#)
- [Skin Neoplasms](#)
- [Stomach Neoplasms](#)
- [Stroke](#)
- [Tobacco Use Disorder](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)