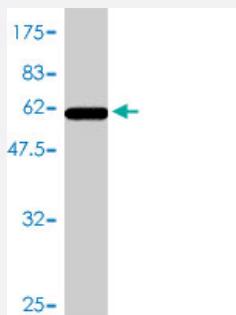


HMOX1 polyclonal antibody (A01)

Catalog # H00003162-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (57.79 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a full-length recombinant HMOX1.
Immunogen	HMOX1 (AAH01491, 1 a.a. ~ 288 a.a) full-length recombinant protein with GST tag.
Sequence	MERPQDPSMPQDLSEALKEATKEVHTQAENAEFMRNFQKGQVTRDGFKLVMASLYHIYVALEEE IERNKESPVFAPVYFPEELHRKAALEQDLAFWYGPRWQEVIPYTPAMQHYYKRLHEVGRTEPELL VAHAYTRYLGDLGGQVLKKAQKALDLPSSGEGLAFFTFPNIASATKFKQLYRSRMNSLEMTPAV RQRVIEEAKTAFLLNIQLFEELQELLTHDTKDQSPSRAPGLRQRASNKVQDSAPVETPRGKPLN TRSQAPLLRWVLTLSFLVATVAVGLYAM
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (57.79 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — HMOX1

Entrez GeneID [3162](#)

GeneBank Accession# [BC001491](#)

Protein Accession# [AAH01491](#)

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](#)