

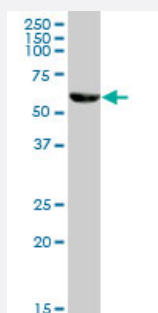
MaxPab®

CAT purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00000847-B01P

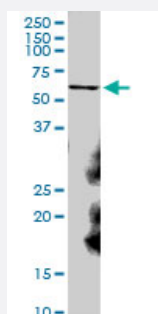
Size 50 ug

Applications



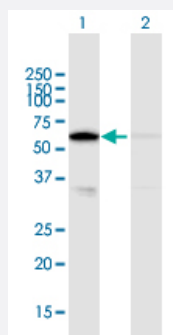
Western Blot (Tissue lysate)

CAT MaxPab polyclonal antibody. Western Blot analysis of CAT expression in human liver.



Western Blot (Cell lysate)

CAT MaxPab polyclonal antibody. Western Blot analysis of CAT expression in A-431.

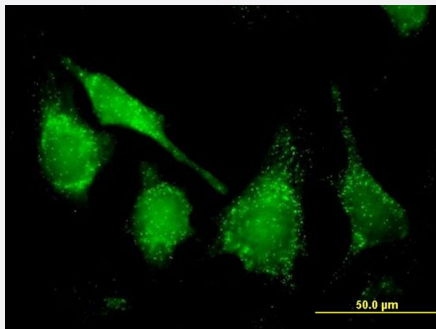


Western Blot (Transfected lysate)

Western Blot analysis of CAT expression in transfected 293T cell line ([H00000847-T01](#)) by CAT MaxPab polyclonal antibody.

Lane 1: CAT transfected lysate(57.97 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to CAT on HeLa cell.
[antibody concentration 10 ug/ml]

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human CAT protein.
Immunogen	CAT (NP_001743.1, 1 a.a. ~ 527 a.a) full-length human protein.
Sequence	MADSRDPASDQMQRHWKEQRAAQKADVLTTGAGNPVGDKLNVITVGPRGPLLVQDVVFTDEMA HFDREIRIPERVVHAKGAGAFGYFEVTHDITKYSKAKVFEHIGKKTPIAVRFSTVAGESGSADTVRD PRGFAVKFYTEDGNWDLVGNNTPIFFIRDPILPFSFIHSQKRNPQTHLKDPDMVWDFWSLRPESL HQVSFLFSDRGIPDGRHMGNGYGSHTFKLVNANGEAVYCKFHYKTDQGKNLSVEDAARLSQED PDYGIRDLFNAIATGKYPSWTFYIQVMTFNQAETFPFNPFDLTKVWPHKDYPLIPVGKLVNLRNPVN YFAEVEQIAFDPSNMPPGIEASPDKMLQGRLFAYPDTHRHRLGPNYLHIPVNCYPYRARVANYQRD GPMCMQDNQGGAPNYYPNSFGAPEQQPSALEHSIQYSGEVRRFNTANDDNVTQVRAFVYVNVLN EEQRKRLCENIAGHLKDAQIFIQKKAVKNFTEVHPDYGSHIQALLDKYNAEKPKNAIHTFVQSGSHL AAREKANL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (89); Rat (89)
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)

CAT MaxPab polyclonal antibody. Western Blot analysis of CAT expression in human liver.

[Protocol Download](#)

- Western Blot (Cell lysate)

CAT MaxPab polyclonal antibody. Western Blot analysis of CAT expression in A-431.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of CAT expression in transfected 293T cell line ([H00000847-T01](#)) by CAT MaxPab polyclonal antibody.

Lane 1: CAT transfected lysate(57.97 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to CAT on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — CAT

Entrez GeneID	847
---------------	---------------------

GeneBank Accession#	NM_001752.2
---------------------	-----------------------------

Protein Accession#	NP_001743.1
--------------------	-----------------------------

Gene Name	CAT
-----------	-----

Gene Alias	MGC138422, MGC138424
------------	----------------------

Gene Description	catalase
------------------	----------

Omim ID	115500
---------	------------------------

Gene Ontology	Hyperlink
---------------	---------------------------

Other Designations	-
--------------------	---

Publication Reference

- [Active Secretion of Dimerized S100A11 Induced by the Peroxisome in Mesothelioma Cells.](#)

Saho S, Satoh H, Kondo E, Inoue Y, Yamauchi A, Murata H, Kinoshita R, Yamamoto KI, Futami J, Putranto EW, Ruma IM, Sumardika IW, Youyi C, Suzawa K, Yamamoto H, Soh J, Tomida S, Sakaguchi Y, Saito K, Iioka H, Huh NH, Toyooka S, Sakaguchi M.

Cancer Microenvironment 2016 Jun; 9(2-3):93.

Application: ICC, Human, NCI-H2452, PK-8 cells

Pathway

- [Amyotrophic lateral sclerosis \(ALS\)](#)
- [Metabolic pathways](#)
- [Methane metabolism](#)
- [Tryptophan metabolism](#)

Disease

- [Absenteeism](#)
- [Acute Disease](#)
- [Albuminuria](#)
- [Alcoholism](#)
- [Alzheimer disease](#)
- [Arsenic Poisoning](#)
- [Arthritis](#)
- [Asbestosis](#)
- [Asthma](#)
- [Brain Neoplasms](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)

- [Cardiomyopathies](#)
- [Cardiovascular Diseases](#)
- [Chronic Disease](#)
- [Cognition](#)
- [Colorectal Neoplasms](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Delayed Graft Function](#)
- [Depressive Disorder](#)
- [Diabetes](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Diabetic Angiopathies](#)
- [Diabetic Nephropathies](#)
- [Diabetic Neuropathies](#)
- [Diabetic Retinopathy](#)
- [Disease Models](#)
- [Disease Susceptibility](#)
- [DNA Damage](#)
- [Dyslipidemias](#)
- [Edema](#)
- [Gastritis](#)
- [Genetic Predisposition to Disease](#)
- [Glucose Intolerance](#)
- [Head and Neck Neoplasms](#)
- [Hearing Loss](#)

- [Helicobacter Infections](#)
- [Hypertension](#)
- [Inflammation](#)
- [Insulin Resistance](#)
- [Intestinal Neoplasms](#)
- [Keratosi](#)
- [Kidney Diseases](#)
- [Kidney Failure](#)
- [Liver Cirrhosis](#)
- [Liver Neoplasms](#)
- [Lung Neoplasms](#)
- [Lupus Erythematosus](#)
- [Lymphoma](#)
- [Macular Degeneration](#)
- [Malnutrition](#)
- [Melanoma](#)
- [Metaplasia](#)
- [Mouth Neoplasms](#)
- [Neoplasms](#)
- [Obesity](#)
- [Occupational Diseases](#)
- [Osteonecrosis](#)
- [Osteoporosis](#)
- [Pancreatic Neoplasms](#)
- [Pancreatitis](#)
- [Poisoning](#)

- [Precancerous Conditions](#)
- [Pregnancy Complications](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Pseudoxanthoma Elasticum](#)
- [Psychiatric Status Rating Scales](#)
- [Pulmonary Disease](#)
- [Recurrence](#)
- [Respiratory Tract Diseases](#)
- [Skin Neoplasms](#)
- [Stomach Neoplasms](#)
- [Substance-Related Disorders](#)
- [Sunburn](#)
- [Urinary Bladder Neoplasms](#)
- [Vitiligo](#)
- [Werner syndrome](#)