

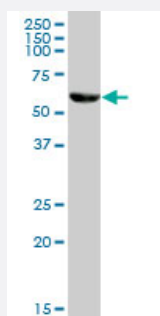
MaxPab®

CAT purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00000847-B01P

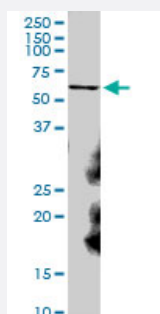
Size 50 ug

Applications



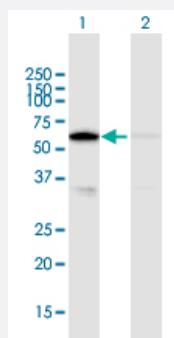
Western Blot (Tissue lysate)

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.

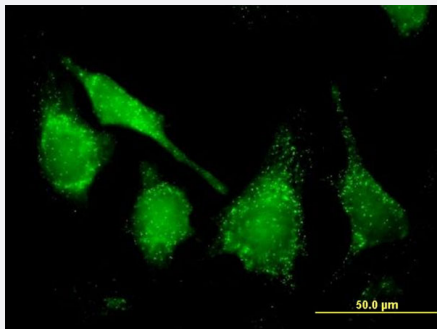


Western Blot (Transfected lysate)

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 HQVSFLFSDRGIPDGRHMNGYGSHTFKLVNANGEAVYCKFHYKTDQGKNLSVEDAARLSQED 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](#)
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- [Breast Neoplasms](#)
- [Carcinoma](#)

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- [Cardiovascular Diseases](#)
- [Chronic Disease](#)
- [Cognition](#)
- [Colorectal Neoplasms](#)
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- [Osteoporosis](#)
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- [Poisoning](#)

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- [Pregnancy Complications](#)
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- [Prostatic Neoplasms](#)
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- [Recurrence](#)
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- [Stomach Neoplasms](#)
- [Substance-Related Disorders](#)
- [Sunburn](#)
- [Urinary Bladder Neoplasms](#)
- [Vitiligo](#)
- [Werner syndrome](#)