

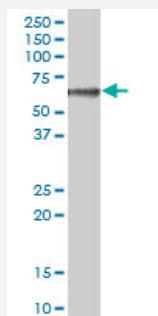
MaxPab®

CPB2 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00001361-B01P

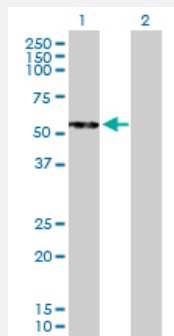
Size 50 ug

Applications



Western Blot (Tissue lysate)

CPB2 MaxPab polyclonal antibody. Western Blot analysis of CPB2 expression in human liver.



Western Blot (Transfected lysate)

Western Blot analysis of CPB2 expression in transfected 293T cell line ([H00001361-T01](#)) by CPB2 MaxPab polyclonal antibody.

Lane 1: CPB2 transfected lysate(46.53 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human CPB2 protein.

Immunogen

CPB2 (NP_001863.2, 1 a.a. ~ 423 a.a) full-length human protein.

Sequence

MKLCSLAVLVPMFLFCEQHVFAFQSGQVLAALPRTSRQVQVLQNLTTTYEIMLWQPVTADLMKKK
QVHFFVNASDVDNVKAHLNVSGIPCSVLLADVEDLIQQQISNDTVSPRASASYEQYHSLNEYSWI
EFITERHPDMLTKIHIGSSFKEYPLYVLKVSQKEQAAKNAMIDCGIHAREWISPAFCLWFIGHTQFY
GIIGQYTNLLRLVDFYVMPVVNVGDYDYSWKKNRMWRKNRSFYANNHCIGTDLNRNFASKHWCE
EGASSSSCSETYCGLYPESEPEVKAVASFLRRNINQIKAYISMHSYSQHMFPYSYTRSKSKDHEEL
SLVASEAVRAIEKTSKNTRYTHGHGSETLYLAPGGGDDWYDLGIKYSFTIELRDTGTYGFLPERYI
KPTCREAFAAVSKIAWHVIRNV

Host	Mouse
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)

CPB2 MaxPab polyclonal antibody. Western Blot analysis of CPB2 expression in human liver.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of CPB2 expression in transfected 293T cell line ([H00001361-T01](#)) by CPB2 MaxPab polyclonal antibody.

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[Protocol Download](#)

Gene Info — CPB2

Entrez GeneID	1361
GeneBank Accession#	BC007057
Protein Accession#	NP_001863.2
Gene Name	CPB2
Gene Alias	CPU, PCPB, TAFI
Gene Description	carboxypeptidase B2 (plasma)
Omim ID	603101
Gene Ontology	Hyperlink

Gene Summary

Carboxypeptidases are enzymes that hydrolyze C-terminal peptide bonds. The carboxypeptidase family includes metallo-, serine, and cysteine carboxypeptidases. According to their substrate specificity, these enzymes are referred to as carboxypeptidase A (cleaving aliphatic residues) or carboxypeptidase B (cleaving basic amino residues). The protein encoded by this gene is activated by trypsin and acts on carboxypeptidase B substrates. After thrombin activation, the mature protein downregulates fibrinolysis. Polymorphisms have been described for this gene and its promoter region. Available sequence data analyses indicate splice variants that encode different isoforms. [provided by RefSeq]

Other Designations

OTTHUMP00000018364|OTTHUMP00000018365|bA139H14.2 (carboxypeptidase B2 (plasma))|carboxypeptidase B-like protein|carboxypeptidase B2 (plasma, carboxypeptidase U)|carboxypeptidase U|plasma carboxypeptidase B2|thrombin-activable fibrinolysis inhibitor|thromb

Pathway

- [Complement and coagulation cascades](#)

Disease

- [Abortion](#)
- [Aneurysm](#)
- [Angina Pectoris](#)
- [Antiphospholipid Syndrome](#)
- [Behcet Syndrome](#)
- [Brain Ischemia](#)
- [Cadaver](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Cerebral Infarction](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Death](#)
- [Diabetes Mellitus](#)

- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hemorrhage](#)
- [Hemorrhagic Disorders](#)
- [Hepatic Vein Thrombosis](#)
- [Hypertension](#)
- [Inflammation](#)
- [Intracranial Arteriosclerosis](#)
- [Kidney Failure](#)
- [Metabolic Syndrome X](#)
- [Mouth Neoplasms](#)
- [Myocardial Infarction](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Placenta Diseases](#)
- [Pre-Eclampsia](#)
- [Pregnancy Complications](#)
- [Recurrence](#)
- [Renal Insufficiency](#)
- [Stroke](#)
- [Subarachnoid Hemorrhage](#)
- [Thrombophilia](#)
- [Thrombosis](#)
- [Tobacco Use Disorder](#)
- [Venous Thrombosis](#)
- [Werner syndrome](#)