

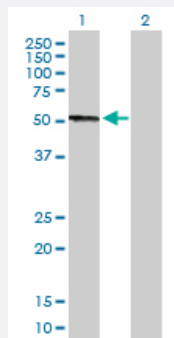
MaxPab®

CPB2 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00001361-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of CPB2 expression in transfected 293T cell line ([H00001361-T03](#)) by CPB2 MaxPab polyclonal antibody.

Lane 1: CPB2 transfected lysate(48.40 kDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit 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

MKLCSLAVLVPMFLFCEQHVFAFQSGQVLAALPRTSRQVQVLQNLTTYEVLWQPVTADLIVKKK
QVHFFVNASDVDNVKAHLNVSGIPCSVLLADVEDLIQQQISNDTVSPRASASYEQYHSLNEIYSWI
EFITERHPDMLTKIHIGSSFEEKYPLYVLKVSQKEQAANKAMIDCGIHAREWISPAFCLWFIGHTQFY
GIIGQYTNLLRLVDFYVMPVVNVGDYDYSWKKNRMWRKNRSFYANNHCIGTDLNRNFASKHWCE
EGASSSSCSETYCGLYPESEPEVKAVASFLRRNINQIKAYISMHSYSQHIFPYSYTRSKSKDHEEL
SLVASEAVRAIEKTSKNTRYTHGHGSETLYLAPGGGDDWYDLGIKYSFTIELRDTGTYGFLPERYI
KPTCREAFAAVSKIAWHVIRNV

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 (Transfected lysate)

Western Blot analysis of CPB2 expression in transfected 293T cell line ([H00001361-T03](#)) 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](#)