CPB2 monoclonal antibody

Catalog # MAB0277 Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against native CPB2.
Immunogen	Native purified HumanCPB2.
Host	Mouse
Reactivity	Human
Specificity	This antibody recognizes human TAFI.
Form	Liquid
Isotype	IgG2b
Recommend Usage	Western Blot (5 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (50% glycerol)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot

Gene Info — CPB2

Entrez GeneID	1361
Gene Name	CPB2

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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

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- 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

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- Thrombosis
- Tobacco Use Disorder
- Venous Thrombosis
- Werner syndrome

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