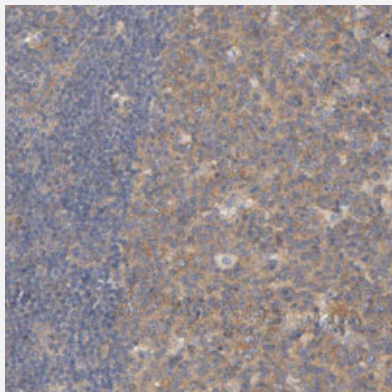


CPB2 polyclonal antibody

Catalog # PAB30367 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human lymph node with CPB2 polyclonal antibody (Cat # PAB30367) shows moderate cytoplasmic positivity in reaction center cells at 1:20-1:50 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human CPB2.
Immunogen	Recombinant protein corresponding to human CPB2.
Sequence	QVLAALPRTSRQVQVLQNLTTTYEMLWQPVTADLMKKKQVHFFVNASDVDNVKAHLNVSGIPCS VLLADVEDLIQQQISNDTVSPRASASYEQYHSLNEIYSWIEFITERHPDMLTKIHIGSSFKEYPLYVL KVSGKEQAA
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:20-1:50) The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human lymph node with CPB2 polyclonal antibody (Cat # PAB30367) shows moderate cytoplasmic positivity in reaction center cells at 1:20-1:50 dilution.

Gene Info — CPB2

Entrez GeneID	1361
Protein Accession#	Q96IY4
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](#)