

Rabbit anti-Human CPB2 Polyclonal Antibody | anti-CPB2 antibody

CPB2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324570	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

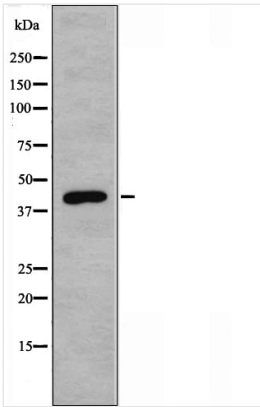
PRODUCT SYNONYMS

CPB2; Polyclonal Antibody; CPB2 Antibody; 1110032P04Rik; 4930405E17Rik; bA139H14.2; Carboxypeptidase B like protein; Carboxypeptidase U; CarboxypeptidaseB2; CarboxypeptidaseU; CP B2; CPB 2; CPU; PCPB; Plasma carboxypeptidase B; Plasma carboxypeptidase B2; Procarboxypeptidase B; Procarboxypeptidase R; Procarboxypeptidase U; TAFI; Thrombin activable fibrinolysis inhibitor; Thrombin activatable fibrinolysis inhibitor; anti-CPB2 antibody

PRODUCT SPECIFICATIONS

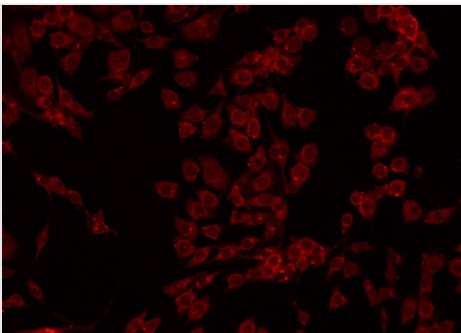
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	CPB2 antibody detects endogenous levels of total CPB2
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	386
Applicable Applications for anti-CPB2 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Secreted
Tissue Specificity	Plasma; synthesized in the liver.
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Similarity	Pig (91%), Zebrafish (82%), Bovine (90%), Horse (90%), Sheep (90%), Rabbit (100%), Dog (91%), Chicken (91%), Xenopus (90%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from HepG2 cells, using CPB2 antibody.



IF (Immunofluorescence)

AAA324570 staining HepG2 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CPB2 antibody

Function: Cleaves C-terminal arginine or lysine residues from biologically active peptides such as kinins or anaphylatoxins in the circulation thereby regulating their activities. Down-regulates fibrinolysis by removing C-terminal lysine residues from fibrin that has already been partially degraded by plasmin.
Post-translational Modifications: N-glycosylated. N-glycan at Asn-108: Hex5HexNAc4.
Similarity: Belongs to the peptidase M14 family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	513126877
NCBI GeneID	1361
NCBI Accession #	NP_001265470.1
NCBI GenBank Nucleotide #	NM_001278541.1
UniProt Accession #	Q96IY4; Q15114; Q5T9K1; Q5T9K2; Q9P2Y6; A8K464
Molecular Weight	Observed: 48 kD Predicted: 49 kDa
NCBI Official Full Name	carboxypeptidase B2 isoform 2 preproprotein
NCBI Official Synonym Full Names	carboxypeptidase B2
NCBI Official Symbol	CPB2
NCBI Official Synonym Symbols	CPU; PCPB; TAFI
NCBI Protein Information	carboxypeptidase B2
UniProt Protein Name	Carboxypeptidase B2
UniProt Gene Name	CPB2
UniProt Synonym Gene Names	CPU; pCPB; TAFI

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.