

Rabbit anti-Human, Mouse CPB1 Polyclonal Antibody | anti-CPB1 antibody

CPB1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327901	Rabbit	Human, Mouse	ELISA, Immunohistochemistry, Western Blot

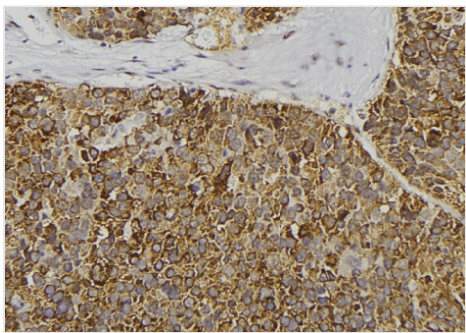
PRODUCT SYNONYMS

CPB1; Polyclonal Antibody; CPB1 Antibody; Carboxypeptidase B; Carboxypeptidase B1 (tissue); Carboxypeptidase B1; CarboxypeptidaseB; CarboxypeptidaseB1; CBPB1_HUMAN; CP B1; CPB 1; CPB; DKFZp779K1333; Pancreas specific protein; Pancreas-specific protein; Pancreatic carboxypeptidase B; Pancreatic carboxypeptidase B1; PASP; PCPB; Procarboxypeptidase B; Procarboxypeptidase B pancreatic; Protaminase; Tissue carboxypeptidase B; anti-CPB1 antibody

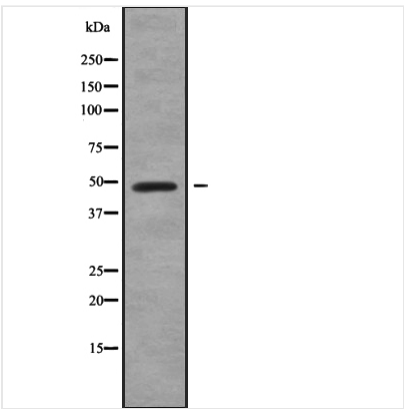
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	CPB1 antibody detects endogenous levels of total CPB1
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	417
Applicable Applications for anti-CPB1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human CPB1
Subcellular Location	Secreted.
Tissue Specificity	Pancreas.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA327901 at 1/100 staining Human pancreas tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of CPB1 using K562 whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-CPB1 antibody	Function: Preferential release of a C-terminal lysine or arginine amino acid. Similarity: Belongs to the peptidase M14 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	54607080
NCBI GeneID	1360
NCBI Accession #	NP_001862.2
NCBI GenBank Nucleotide #	NM_001871.2
UniProt Accession #	P15086; O60834; Q53XJ0; Q96BQ8
Molecular Weight	Observed: 47 kDa Predicted: 48 kDa
NCBI Official Full Name	carboxypeptidase B preproprotein
NCBI Official Synonym Full Names	carboxypeptidase B1
NCBI Official Symbol	CPB1
NCBI Official Synonym Symbols	CPB; PASP; PCPB
NCBI Protein Information	carboxypeptidase B
UniProt Protein Name	Carboxypeptidase B
UniProt Gene Name	CPB1
UniProt Synonym Gene Names	CPB; PCPB; PASP

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.