

Rabbit anti-Mouse, Rat Carboxypeptidase B1 Polyclonal Antibody | anti-CPB1 antibody

Polyclonal Antibody to Carboxypeptidase B1, Tissue (CPB1)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA143129	Rabbit	Mouse, Rat	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

Carboxypeptidase B1; Polyclonal Antibody; Polyclonal Antibody to Carboxypeptidase B1; Tissue (CPB1); anti-CPB1 antibody

PRODUCT SPECIFICATIONS

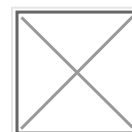
Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against CPB1. It has been selected for its ability to recognize CPB1 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Liquid
Concentration	0.65mg/ml (varies by lot)
Sequence	Antigen: The target protein is fused with a C-terminal tag. His-tag and T7-tag and its sequence is listed below. MGSSH HHHHSSGLV PRGSHMASMT GGQMGGRGSE F-ASGHSYTK YNNWETIEAW IQQVANDNPD LVSKRVIGTT FEGRNMYVLK IGKDRPNKPA FFIDCGFHAR EWISPAFCQW FVREAVRTYK QEIHMKRLLD ELDFYVLPVV NIDGYVYTWA KDRMWRKTRS TTAGSSCFGV DPNRNFDAW CEVGASRSPC SDTYCGPTPE SEKETKALAD FIRQNLSSIK AYLTVHSYSQ MMLYPYSYDY KLPENYEELN ALVKGAAKEL STLHGTYKY GPGATTIYPA AGGS
Applicable Applications for anti-CPB1 antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Fragment	CPB1 (Ala109~Tyr415)
Organism Species	Mus musculus (Mouse)
Cross Reactivity	Mouse, Rat
Conjugate	No Conjugate
Immunogen	Recombinant CPB1 (Ala109~Tyr415) expressed in E. coli.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

DAB staining on IHC-P; Samples: Mouse Kidney Tissue



WB (Western Blot)

Western Blot: Sample: Recombinant protein.



WB (Western Blot)

Western Blot: Sample: Mouse Pancreas lysate; Primary Ab: 2ug/mL Rabbit Anti-Mouse CPB1
Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	56550071
NCBI GeneID	76703
NCBI Accession #	NP_083982.1
NCBI GenBank Nucleotide #	NM_029706.2
UniProt Accession #	B2RS76
Molecular Weight	47,574 Da
NCBI Official Full Name	carboxypeptidase B
NCBI Official Synonym Full Names	carboxypeptidase B1 (tissue)
NCBI Official Symbol	Cpb1
NCBI Official Synonym Symbols	AI504870; 0910001A18Rik; 1810063F02Rik; 2210008M23Rik
NCBI Protein Information	carboxypeptidase B
UniProt Protein Name	Carboxypeptidase B1 (Tissue), isoform CRA_b
UniProt Gene Name	Cpb1

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/carboxypeptidase-b1-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/143129>