

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

Rabbit anti-CPD Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213296	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

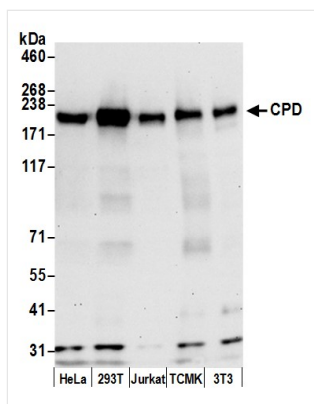
PRODUCT SYNONYMS

CPD; Polyclonal Antibody; Rabbit anti-CPD Antibody; Affinity Purified; carboxypeptidase D; GP180; metalloproteinase D; Carboxypeptidase D; anti-CPD antibody

PRODUCT SPECIFICATIONS

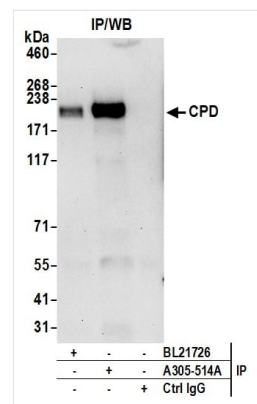
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-CPD antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Rat
Immunogen	Between 1330 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human and mouse CPD by western blot. Samples: Whole cell lysate (15 ug) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-CPD antibody AAA213296 (lot AAA213296-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human CPD by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-CPD antibody AAA213296 (lot AAA213296-1) used for IP at 6 ug per reaction. CPD was also immunoprecipitated by rabbit anti-CPD antibody BL21726. For blotting immunoprecipitated CPD, AAA213296 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-CPD antibody	The metallocarboxypeptidase family of enzymes is divided into 2 subfamilies based on sequence similarities. The pancreatic carboxypeptidase-like and the regulatory B-type carboxypeptidase subfamilies. Carboxypeptidase D (CPD) has been identified as a regulatory B-type carboxypeptidase. CPD is a homolog of duck gp180, a hepatitis B virus-binding protein [taken from NCBI Entrez Gene (Gene ID: 1362)].
Product Categories/Family for anti-CPD antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	22202611
NCBI GeneID	1362
NCBI Accession #	NP_001295.2
NCBI GenBank Nucleotide #	NM_001304.4
UniProt Accession #	O75976; O15377; Q86SH9; Q86XE6
Molecular Weight	152,931 Da
NCBI Official Full Name	carboxypeptidase D isoform 1
NCBI Official Synonym Full Names	carboxypeptidase D
NCBI Official Symbol	CPD
NCBI Official Synonym Symbols	GP180
NCBI Protein Information	carboxypeptidase D; OTTHUMP00000163684; metallocarboxypeptidase D
UniProt Protein Name	Carboxypeptidase D
UniProt Gene Name	CPD
UniProt Entry Name	CBPD_HUMAN

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/cpd-antibody-immunoprecipitation-western-blot-elisa/213296>