

Rabbit CPD Polyclonal Antibody | anti-CPD antibody

CPD antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200303	Rabbit	Tested: Human Predicted: Dog, Horse, Human, Mouse, Pig, Rabbit, Rat	Immunohistochemistry, Western Blot

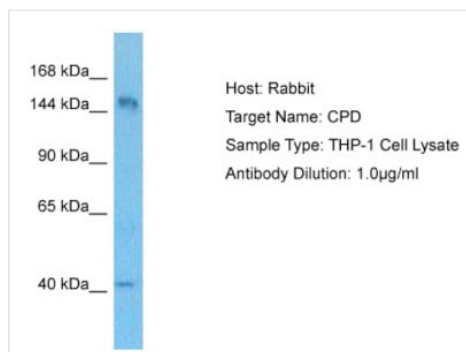
PRODUCT SYNONYMS

CPD; Polyclonal Antibody; CPD antibody - N-terminal region; anti-CPD antibody

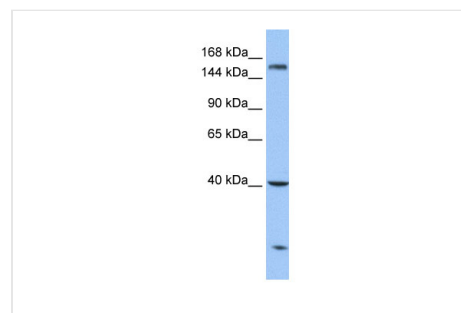
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Tested: Human Predicted: Dog, Horse, Human, Mouse, Pig, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	0.5 mg/ml (varies by lot)
Sequence	Synthetic peptide with the following region: SLNPDGFERAREGDCGFGDGGP SGASGRDNSRGRDLNRSFPD QFSTGEPP
Sequence Length	1380
Applicable Applications for anti-CPD antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Dog: 86%; Horse: 93%; Human: 100%; Mouse: 79%; Pig: 86%; Rabbit: 93%; Rat: 79%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human CPD
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES

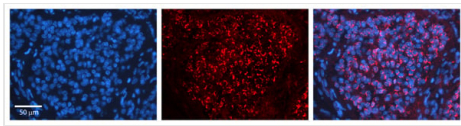


WB (Western Blot)



WB (Western Blot)

WB Suggested Anti-CPD Antibody Titration: 0.2-1.0 µg/ml Positive Control: HeLa cell lysate



IHC (Immunohistochemistry)

CPD antibody - N-terminal region
Formalin Fixed Paraffin Embedded Tissue: Human Pineal Tissue
Observed Staining: Cytoplasm in pinealocytes
Primary Antibody Concentration: 1:100
Other Working Concentrations: 1/600
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-CPD antibody	This is a rabbit polyclonal antibody against CPD. It was validated on Western Blot using a cell lysate as a positive control. Target Description: The metallopeptidase 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. The metallopeptidase 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 has been identified as a regulatory B-type carboxypeptidase. CPD is a homolog of duck gp180, a hepatitis B virus-binding protein. Transcript variants utilizing alternative polyadenylation signals exist for this gene. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Product Categories/Family for anti-CPD antibody	Polyclonal; Signal Proteins; Membrane Protein; DNA/RNA/Protein Interactions

NCBI AND UNIPROT INFORMATION

NCBI GI #	22202611
NCBI GeneID	1362
NCBI Accession #	NP_001295
NCBI GenBank Nucleotide #	NM_001304
UniProt Accession #	O75976
Molecular Weight	152kDa
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
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/cpd-antibody-immunohistochemistry-western-blot-elisa/200303>