CBPD Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CBPD, Polyclonal Antibody
Full Product Name	CBPD Rabbit Polyclonal Antibody
Product Gene Name	anti-CBPD antibody
Product Synonym Gene Name	CPD
Product Synonym Names	BH6842; Carboxypeptidase D (EC 3.4.17.22)(Metallocarboxypeptidase D)(gp180)
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Rat
Form/Format	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration	1mg/ml (lot specific)
Specificity	CBPD Polyclonal Antibody detects endogenous levels of protein.
Preparation and Storage	Store at -20 degree C/1 year
Molecular Weight	126,487 Da
OMIM	603102
3D Structure	ModBase 3D Structure for O75976
Immunogen	Synthesized peptide derived from part region of human protein
Modification	Unmodified/Total
Applications Tested/Suitable for anti-CBPD antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-CBPD antibody	WB: 1:500-2000 ELISA: 1:5000-20000
Related Product Information for anti-CBPD antibody	carboxypeptidase D (CPD) Homo sapiens 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 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. [provided by RefSeq, Jul 2008]
Other Notes	Small volumes of anti-CBPD antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for CBPD purchase	MBS9513674 is an antibody targeting CBPD. Also known as CBPD Rabbit Polyclonal Antibody. Reactive in Human, Rat. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CBPD. It may not necessarily be applicable to this product.

NCBI GI #	315138990
NCBI GeneID	1362
NCBI Accession #	NP_001186704
UniProt Primary Accession #	O75976
UniProt Secondary Accession #	O15377; Q86SH9; Q86XE6; B7Z7T9; B7ZAU4; F5GZH6
UniProt Related Accession #	O75976
GenBank Nucleotide #	NM_001199775
NCBI Official Full Name	carboxypeptidase D isoform 2
NCBI Official Synonym Full Names	carboxypeptidase D
NCBI Official Symbol	CPD
NCBI Official Synonym Symbols	GP180
UniProt Protein Name	Carboxypeptidase D
UniProt Synonym Protein Names	Metallocarboxypeptidase D; gp180
Protein Family	Chitin-binding protein
UniProt Gene Name	CPD
UniProt Entry Name	CBPD_HUMAN
NCBI Protein Information	carboxypeptidase D; metallocarboxypeptidase D
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