CPZ Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CPZ, Polyclonal Antibody
Full Product Name	CPZ Antibody
Product Gene Name	anti-CPZ antibody
Product Synonym Names	CPZ; Carboxypeptidase Z; CPZ
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Rat
Form/Format	Liquid; In Phosphate Buffered Saline, 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Molecular Weight	58,591 Da
OMIM	U83411 mRNA
3D Structure	ModBase 3D Structure for Q66K79
Immunogen	Synthesized peptide derived from the Internal region of human CPZ.
Immunogen Species	Human
Conjugate	Non-conjugated
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-CPZ antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-CPZ antibody	WB: 1:500-1:2000 ELISA: 1:40000
Related Product Information for anti-CPZ antibody	MBS7121097 is an antibody targeting CPZ. Also known as CPZ Antibody. Reactive in Human, Rat. Host: Rabbit.
Other Notes	Small volumes of anti-CPZ 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.

ADDITIONAL DETAILS

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

NCBI GI #	62388877
NCBI GeneID	8532
NCBI Accession #	NP_001014447.1
UniProt Primary Accession #	Q66K79

UniProt Secondary Accession #	O00520; Q96MX2
UniProt Related Accession #	Q66K79
GenBank Nucleotide #	NM_001014447.2
NCBI Official Full Name	carboxypeptidase Z isoform 1
NCBI Official Synonym Full Names	carboxypeptidase Z
NCBI Official Symbol	CPZ
UniProt Protein Name	Carboxypeptidase Z
Protein Family	Carboxypeptidase
UniProt Gene Name	CPZ
UniProt Synonym Gene Names	CPZ
NCBI Protein Information	carboxypeptidase Z
NCBI Summary for CPZ	This gene encodes a member of the metallocarboxypeptidase family. This enzyme displays carboxypeptidase activity towards substrates with basic C-terminal residues. It is most active at neutral pH and is inhibited by active site-directed inhibitors of metallocarboxypeptidases. Alternative splicing in the coding region results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008]
UniProt Comments for CPZ	Cleaves substrates with C-terminal arginine residues. Probably modulates the Wnt signaling pathway, by cleaving some undefined protein. May play a role in cleavage during prohormone processing.
Research Articles on CPZ	**1.** Clinical trial of gene-disease association and gene-environment interaction. (HuGE Navigator)
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-rat-antibody/cpz/7121097