CPZ Antibody – Polyclonal

PRODUCT OVERVIEW

Product Name	CPZ, Polyclonal Antibody
Full Product Name	CPZ Polyclonal Antibody
Product Gene Name	anti-CPZ antibody
Clonality	Polyclonal
Molecular Weight	58,591 Da
OMIM	603105
3D Structure	ModBase 3D Structure for Q66K79
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for anti-CPZ antibody	MBS8522074 is an antibody targeting CPZ. Also known as CPZ Polyclonal Antibody.
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.** Common variants within CPZ at 4p16 is associated with neuroblastoma.
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