CNPY3 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CNPY3, Polyclonal Antibody
Full Product Name	CNPY3 (N-Term) Rabbit pAb
Product Gene Name	anti-CNPY3 antibody
Product Synonym Names	Protein canopy homolog 3; CTG repeat protein 4a; Expanded repeat-domain protein CAG/CTG 5; Protein associated with TLR4; Trinucleotide repeat-containing gene 5 protein; CNPY3; CTG4A; ERDA5; PRAT4A; TNRC5
Clonality	Polyclonal
Isotype	Ig
Clone Number	RB30440
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied in PBS with 0.09% (W/V) Sodium Azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Purity/Purification	Affinity Purified
OMIM	610774
3D Structure	ModBase 3D Structure for Q9BT09
Immunogen	This CNPY3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 66-92 amino acids from the N-terminal region of human CNPY3.
Cellular Localization	Endoplasmic Reticulum
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-CNPY3 antibody	Western Blot (WB)
Application Notes for anti-CNPY3 antibody	WB: 1:1000
Related Product Information for anti-CNPY3 antibody	MBS8553253 is an antibody targeting CNPY3. Also known as CNPY3 (N-Term) Rabbit pAb. Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-CNPY3 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 CNPY3. It may not necessarily be applicable to this product.

NCBI GI #	74752319
NCBI GeneID	10695
NCBI Accession #	Q9BT09.1
UniProt Primary Accession #	Q9BT09

UniProt Related Accession #	Q9BT09
NCBI Official Full Name	Protein canopy homolog 3
NCBI Official Synonym Full Names	canopy FGF signaling regulator 3
NCBI Official Symbol	CNPY3
NCBI Official Synonym Symbols	CAG4A; ERDA5; TNRC5; EIEE60; PRAT4A
UniProt Protein Name	Protein canopy homolog 3
UniProt Synonym Protein Names	CTG repeat protein 4a; Expanded repeat-domain protein CAG/CTG 5; Protein associated with TLR4; Trinucleotide repeat-containing gene 5 protein
Protein Family	Protein canopy
UniProt Gene Name	CNPY3
UniProt Synonym Gene Names	CTG4A; ERDA5; PRAT4A; TNRC5
UniProt Entry Name	CNPY3_HUMAN
NCBI Protein Information	protein canopy homolog 3
NCBI Summary for CNPY3	This gene encodes a protein that binds members of the toll-like receptor protein family and functions as a chaperone to aid in folding and export of these proteins. Alternative splicing results in multiple transcript variants. Naturally occuring readthrough transcription occurs between this locus and the downstream GNMT (glycine N-methyltransferase) gene and is represented with GeneID:107080644. [provided by RefSeq, Jan 2016]
UniProt Comments for CNPY3	TNRC5: Toll-like receptor (TLR)-specific co-chaperone for HSP90B1. Required for proper TLR folding, except that of TLR3, and hence controls TLR exit from the endoplasmic reticulum. Consequently, required for both innate and adaptative immune responses. Belongs to the canopy family. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Secreted, signal peptide; Secreted Chromosomal Location of Human Ortholog: 6p21.1 Cellular Component: endoplasmic reticulum lumen Molecular Function: receptor binding Biological Process: toll-like receptor signaling pathway; innate immune response
Research Articles on CNPY3	**1.** The data suggest that CNPY3 performs essential roles in brain function, in addition to known Toll-like receptor-dependent immune responses.
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