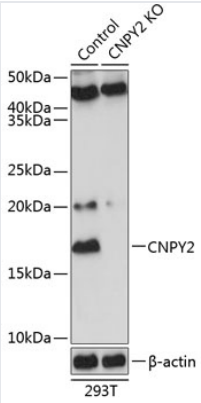
CNPY2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CNPY2, Polyclonal Antibody
Full Product Name	[KO Validated] CNPY2 Rabbit pAb
Product Gene Name	anti-CNPY2 antibody
Product Synonym Names	CNPY2; HP10390; MSAP; TMEM4; ZSIG9
Immunogen Sequence	MDGFYDQQVP FMVPGKSRSE ECRGRPVIDR KRKFLDTDLA HDSEELFQDL SQLQEAWLAE AQVPDDEQFV PDFQSDNLVL HAPPPTKIKR ELHSPSSELS SCSHEQALGA NYGEKCLYNY CAYDRKPPSG FKPLTPPTTP LSPTHQNPLF PPPQATLPTS GHAPAAGPVQ GVGPAPAPHS LPEPGPQQQT FAVPRPPHQP LQMPKMMPEN QYPSEQRFQR QLSEPCHPFP PQPGVPGDNR PSYHRQMSEP IVPAAPPPPQ GFKQEYHDPL YEHGVPGMPG PPAHGFQSPM GIKQEPRDYC VDSEVPNCQS SYMRGGYFSS SHEGFSYEKD PRLYFDDTCV VPERLEGKVK QEPTMYREGP PYQRRGSLQL WQFLVTLLDD PANAHFIAWT GRGMEFKLIE PEEVARRWGI QKNRPAMNYD KLSRSLRYYY EKGIMQKVAG ERYVYKFVCD PDALFSMAFP DNQRPFLKAE SECHLSEEDT LPLTHFEDSP AYLLDMDRCS SLPYAEGFAY
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	PBS with 0.01% thiomersal, 50% glycerol, pH7.3.
Purity/Purification	Affinity purification
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
Molecular Weight	510
OMIM	601600
3D Structure	ModBase 3D Structure for P41161
Positive Samples	293T
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-182 of human CNPY2 (NP_055070.1).
Cellular Location	Endoplasmic reticulum
Product Categories/Family for anti-CNPY2 antibody	Cell Biology & Developmental Biology; Ubiquitin; Polyclonal Antibodies
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-CNPY2 antibody	Western Blot (WB)
Application Notes for anti-CNPY2 antibody	WB: 1:500-1:2000
Related Product Information for anti-CNPY2 antibody	Positive regulator of neurite outgrowth by stabilizing myosin regulatory light chain (MRLC. It prevents MIR-mediated MRLC ubiquitination and its subsequent proteasomal degradation.
Other Notes	Small volumes of anti-CNPY2 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 CNPY2 purchase	MBS9144539 is an antibody targeting CNPY2. Also known as [KO Validated] CNPY2 Rabbit pAb. Reactive in Human, Mouse, Rat. Host: Rabbit.



Western Blot (WB) of anti-CNPY2 antibody
Western blot analysis of extracts from normal (control) and CNPY2 knockout (KO) 293T cells, using CNPY2 antibody at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (MBS128200) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit.Exposure time: 30s.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CNPY2. It may not necessarily be applicable to this product.

NCBI GI #	729441
NCBI GeneID	2119
NCBI Accession #	P41161.1
UniProt Primary Accession #	P41161
UniProt Secondary Accession #	Q6IBN5; A6NH46; B7Z7D7
UniProt Related Accession #	P41161
NCBI Official Full Name	ETS translocation variant 5
NCBI Official Synonym Full Names	ets variant 5
NCBI Official Symbol	ETV5
NCBI Official Synonym Symbols	ERM
UniProt Protein Name	ETS translocation variant 5
UniProt Synonym Protein Names	Ets-related protein ERM
Protein Family	Protein canopy
UniProt Gene Name	ETV5
UniProt Synonym Gene Names	ERM
UniProt Entry Name	ETV5_HUMAN
NCBI Protein Information	ETS translocation variant 5; ets-related molecule; ets-related protein ERM

UniProt Comments for CNPY2	ERM: Binds to DNA sequences containing the consensus nucleotide core sequence GGAA. Belongs to the ETS family. Protein type: Transcription factor; DNA-binding Chromosomal Location of Human Ortholog: 3q28 Cellular Component: nucleus Molecular Function: DNA binding; transcription factor activity Biological Process: regulation of transcription from RNA polymerase II promoter; transcription from RNA polymerase II promoter; regulation of synapse organization and biogenesis; neuromuscular synaptic transmission; locomotory behavior; positive regulation of transcription from RNA polymerase II promoter; positive regulation of neuron differentiation; cell differentiation; male germ-line stem cell division
Research Articles on CNPY2	**1.** we found that the downregulation of ETV5 reduced the expression of the oncogenic transcription factor FOXM1.
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-mouse-rat-antibody/cnpy2/9144539