VPS13B Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	VPS13B, Polyclonal Antibody
Full Product Name	VPS13B Polyclonal Antibody
Product Gene Name	anti-VPS13B antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.
Purity/Purification	Affinity Purification
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
OMIM	phenotype 607817
3D Structure	ModBase 3D Structure for Q7Z7G8
Immunogen	Recombinant protein of human VPS13B.
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-VPS13B antibody	Western Blot (WB)
Application Notes for anti-VPS13B antibody	WB: 1:500-1:2000
Related Product Information for anti-VPS13B antibody	MBS8572013 is an antibody targeting VPS13B. Also known as VPS13B Polyclonal Antibody. Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-VPS13B 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 VPS13B. It may not necessarily be applicable to this product.

NCBI GI #	35493725
NCBI GeneID	157680
NCBI Accession #	NP_056058
UniProt Primary Accession #	Q7Z7G8
UniProt Related Accession #	Q7Z7G8
GenBank Nucleotide #	NP_056058.2
NCBI Official Full Name	vacuolar protein sorting-associated protein 13B isoform 3
NCBI Official Synonym Full Names	vacuolar protein sorting 13 homolog B

NCBI Official Symbol	VPS13B
NCBI Official Synonym Symbols	CHS1; COH1
UniProt Protein Name	Vacuolar protein sorting-associated protein 13B
UniProt Synonym Protein Names	Cohen syndrome protein 1
Protein Family	Putative vacuolar protein sorting-associated protein
UniProt Gene Name	VPS13B
UniProt Synonym Gene Names	CHS1; COH1; KIAA0532
UniProt Entry Name	VP13B_HUMAN
NCBI Protein Information	vacuolar protein sorting-associated protein 13B
NCBI Summary for VPS13B	This gene encodes a potential transmembrane protein that may function in vesicle-mediated transport and sorting of proteins within the cell. This protein may play a role in the development and the function of the eye, hematological system, and central nervous system. Mutations in this gene have been associated with Cohen syndrome. Multiple splice variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Jul 2008]
UniProt Comments for VPS13B	VPS13B: May be involved in protein sorting in post Golgi membrane traffic. Defects in VPS13B are a cause of Cohen syndrome (COH1). COH1 is a rare autosomal recessive disorder characterized by obesity, hypotonia, intellectual deficit, characteristic craniofacial dysmorphism and abnormalities of the hands and feet. Characteristic facial features include high-arched or wave-shaped eyelids, a short philtrum, thick hair and low hairline. Belongs to the VPS13 family. 6 isoforms of the human protein are produced by alternative splicing. Protein type: Membrane protein, integral; Vesicle Chromosomal Location of Human Ortholog: 8q22.2 Biological Process: protein transport Disease: Cohen Syndrome
Research Articles on VPS13B	**1.** This study reveled VPS13B mutation in patient with intellectual deficiency-Cohen syndrome.
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-antibody/vps13b/8572013