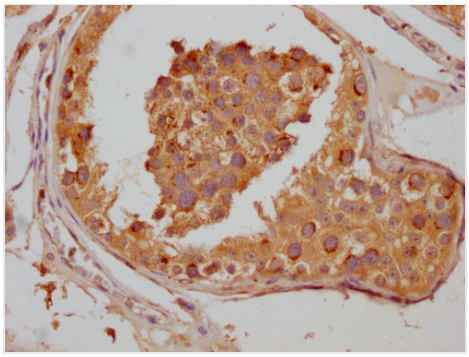
VPS28 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	VPS28, Polyclonal Antibody
Full Product Name	Rabbit anti-Human VPS28 Polyclonal Antibody
Product Gene Name	anti-VPS28 antibody
Product Synonym Names	Vacuolar protein sorting-associated protein 28 homolog (H-Vps28) (ESCRT-I complex subunit VPS28); VPS28; VPS28 Antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid. Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH7.4
Purity/Purification	>95%, Protein G purified
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Molecular Weight	26,463 Da
OMIM	611952
3D Structure	ModBase 3D Structure for Q9UK41
Immunogen Species	Human
Immunogen	Recombinant Human Vacuolar protein sorting-associated protein 28 homolog protein (1-221aa)
Conjugation	Non-conjugated
Product Categories/Family for anti-VPS28 antibody	Tags & Cell Markers
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-VPS28 antibody	ELISA (EIA), Immunohistochemistry (IHC)
Application Notes for anti-VPS28 antibody	IHC: 1:100-1:500
Related Product Information for anti-VPS28 antibody	MBS7137664 is an antibody targeting VPS28. Also known as Rabbit anti-Human VPS28 Polyclonal Antibody. Reactive in Human. Host: Rabbit. Component of the ESCRT-I complex, a regulator of vesicular trafficking process.
Other Notes	Small volumes of anti-VPS28 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.



Immunohistochemistry (IHC) of anti-VPS28 antibody
IHC image of diluted at 1:200 and staining in paraffin-embedded human testis tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a Goat anti-rabbit polymer IgG labeled by HRP and visualized using 0.05% DAB.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for VPS28. It may not necessarily be applicable to this product.

NCBI GI #	7705885
NCBI GeneID	51160
NCBI Accession #	NP_057292.1
UniProt Primary Accession #	Q9UK41
UniProt Secondary Accession #	Q86VK0
UniProt Related Accession #	Q9UK41
GenBank Nucleotide #	NM_016208.3
NCBI Official Full Name	vacuolar protein sorting-associated protein 28 homolog isoform 1
NCBI Official Synonym Full Names	vacuolar protein sorting 28 homolog (S. cerevisiae)
NCBI Official Symbol	VPS28
UniProt Protein Name	Vacuolar protein sorting-associated protein 28 homolog
UniProt Synonym Protein Names	ESCRT-I complex subunit VPS28
Protein Family	Vacuolar protein sorting-associated protein
UniProt Gene Name	VPS28
UniProt Synonym Gene Names	H-Vps28
UniProt Entry Name	VPS28_HUMAN
NCBI Protein Information	vacuolar protein sorting-associated protein 28 homolog; ESCRT-I complex subunit VPS28; yeast class E protein Vps28p homolog
NCBI Summary for VPS28	This gene encodes a protein subunit of the ESCRT-I complex (endosomal complexes required for transport), which functions in the transport and sorting of proteins into subcellular vesicles. This complex can also be hijacked to facilitate the budding of enveloped viruses from the cell membrane. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2013]

UniProt Comments for VPS28	VPS28: Component of the ESCRT-I complex, a regulator of vesicular trafficking process. Belongs to the VPS28 family. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Vesicle Chromosomal Location of Human Ortholog: 8q24.3 Cellular Component: late endosome membrane; cytoplasm; plasma membrane; endosome membrane; cytosol; endosome Molecular Function: protein binding; protein complex binding Biological Process: viral reproduction; ubiquitin-dependent protein catabolic process via the multivesicular body pathway; viral protein processing; negative regulation of protein ubiquitination; viral infectious cycle; virus assembly; endosome transport; protein targeting to vacuole during ubiquitin-dependent protein catabolic process via the MVB pathway
Research Articles on VPS28	**1.** USP8, and the endosomal sorting protein, VPS28, are the negative regulators of NOD2-induced IL-8 secretion.
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/vps28/7137664