VGLL2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	VGLL2, Polyclonal Antibody
Full Product Name	VGLL2 Conjugated Antibody
Product Gene Name	anti-VGLL2 antibody
Product Synonym Names	VGL2; VITO1
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Specificity	The antibody detects endogenous levels of total VGLL2 protein.
Preparation and Storage	Store at 4 degree C for 6 months.
Molecular Weight	15,701 Da
OMIM	609979
3D Structure	ModBase 3D Structure for Q8N8G2
Immunogen	Full length fusion protein
Conjugation	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Excitation Emission	AF350: 346nm/442nm
Applications Tested/Suitable for anti-VGLL2 antibody	Most Applications
Application Notes for anti-VGLL2 antibody	Suggested Dilution: AF350 conjugated: most applications: 1:50-1:250 AF405 conjugated: most applications: 1:50-1:250 AF488 conjugated: most applications: 1:50-1:250 AF555 conjugated: most applications: 1:50-1:250 AF594 conjugated: most applications: 1:50-1:250 AF647 conjugated: most applications: 1:50-1:250 AF680 conjugated: most applications: 1:50-1:250 AF750 conjugated: most applications: 1:50-1:250 Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1:50-1:1000
Related Product Information for anti-VGLL2 antibody	This gene encodes a protein with a transcriptional enhancer factor 1 (TEF-1) interaction domain. The encoded protein may act as a co-factor of TEF-1 regulated gene expression during skeletal muscle development. Alternatively spliced transcript variants encoding multiple isoforms have been observed.
Other Notes	Small volumes of anti-VGLL2 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 VGLL2 purchase	MBS9452135 is an antibody targeting VGLL2. Also known as VGLL2 Conjugated Antibody. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for VGLL2. It may not necessarily be applicable to this product.

NCBI GI #	46854647
NCBI GeneID	245806
NCBI Accession #	BC069316
UniProt Primary Accession #	Q8N8G2
UniProt Secondary Accession #	Q8WWX1
UniProt Related Accession #	Q8N8G2
NCBI Official Full Name	Homo sapiens vestigial like 2 (Drosophila), mRNA
NCBI Official Synonym Full Names	vestigial-like family member 2
NCBI Official Symbol	VGLL2
NCBI Official Synonym Symbols	VGL2; VITO1
UniProt Protein Name	Transcription cofactor vestigial-like protein 2
UniProt Synonym Protein Names	Protein VITO1
Protein Family	Transcription cofactor vestigial-like protein
UniProt Gene Name	VGLL2
UniProt Synonym Gene Names	VITO1; Vgl-2
UniProt Entry Name	VGLL2_HUMAN
NCBI Protein Information	transcription cofactor vestigial-like protein 2; Vestigial and Tondu related protein 1; vestigial like 2
UniProt Comments for VGLL2	Function: May act as a specific coactivator for the mammalian TEFs. May play a role in the development of skeletal muscles. Subunit structure: Interacts with TEFs. Binds to TEAD1/TEF1. Subcellular location: Nucleus By similarity. Tissue specificity: Skeletal muscle. Ref.1 Sequence similarities: Belongs to the vestigial family.
Research Articles on VGLL2	**1.** VITO-1 is a crucial new cofactor of the muscle regulatory programme
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.
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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.

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