GNB1L mouse monoclonal antibody (hybridoma)

Catalog # H00054584-M Size Up to 5 Clones

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant GNB1L.
Immunogen	GNB1L (NP_443730.1, 1 a.a. ~ 327 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MTAPCPPPPPDPQFVLRGTQSPVHALHFCEGAQAQGRPLLFSGSQSGLVHIWSLQTRRAVTTLDGHGGQCVTWLQTLPQGRQLLSQGRDLKLCLWDLAEGRSAVVDSVCLESVGFCRSSILAGGQPRWTLAVPGRGSDEVQILEMPSKTSVCALKPKADAKLGMPMCLRLWQADCSSRPLLLAGYEDGSVVLWDVSEQKVCSRIACHEEPVMDLDFDSQKARGISGSAGKALAVWSLDWQQALQVRGTHELTNPGIAEVTIRPDRKILATAGWDHRIRVFHWRTMQPLAVLAFHSAAVQCVAFTADGLLAAGSKDQRISLWSLYPRA
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (81); Rat (79)
Quality Control Testing	Antibody reactivity and specificity confirmed by ELISA and Western Blot.
Deliverables	Up to 5 positive hybridoma clones will be delivered to customer in the cryotube format.
Note	Customer should check the viability of the hybridomas within one month from the date of receipt. Fee-for-service of long term hybridoma storage can be performed upon customer's request.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- Western Blot (Recombinant protein)

  Protocol Download

- ELISA

Gene Info — GNB1L

Entrez GeneID	54584
GeneBank Accession#	NM_053004.1
Protein Accession#	NP_443730.1
Gene Name	GNB1L
Gene Alias	DGCRK3, FKSG1, GY2, KIAA1645, WDR14, WDVCF
Gene Description	guanine nucleotide binding protein (G protein), beta polypeptide 1-like
Omim ID	610778
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a G-protein beta-subunit-like polypeptide which is a member of the WD repea t protein family. WD repeats are minimally conserved regions of approximately 40 amino acids ty pically bracketed by gly-his and trp-asp (GH-WD), which may facilitate formation of heterotrimeric or multiprotein complexes. Members of this family are involved in a variety of cellular processes, i ncluding cell cycle progression, signal transduction, apoptosis, and gene regulation. This protein c ontains 6 WD repeats and is highly expressed in the heart. The gene maps to the region on chro mosome 22q11, which is deleted in DiGeorge syndrome, trisomic in derivative 22 syndrome and tetrasomic in cat-eye syndrome. Therefore, this gene may contribute to the etiology of those disor ders. Transcripts from this gene share exons with some transcripts from the C22orf29 gene. [prov ided by RefSeq
Other Designations	G-protein beta subunit-like protein|guanine nucleotide binding protein beta-subunit-like polypeptid e

Disease

- Chromosome Deletion
- Schizophrenia
- Schizophrenic Psychology