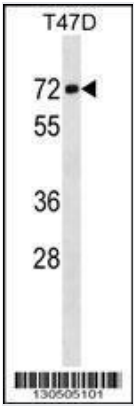
GMCL1P1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	GMCL1L (GMCL1P1), Polyclonal Antibody
Full Product Name	GMCL1L, CT (GMCL1P1, GCL, GMCL1L, Putative germ cell-less protein-like 1-like)
Product Gene Name	anti-GMCL1P1 antibody
Product Synonym Names	Anti -GMCL1L, CT (GMCL1P1, GCL, GMCL1L, Putative germ cell-less protein-like 1-like)
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2, 0.09% sodium azide.
Purity/Purification	Affinity Purified Purified by Protein A affinity chromatography.
Specificity	Human
Preparation and Storage	May be stored at 4 degree C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20 degree C. Aliquots are stable for 12 months. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	60,201 Da
Chromosome Location	Chromosome: 5; NC_000005.9 (177611511..177614433, complement). Location: 5q35.3
3D Structure	ModBase 3D Structure for Q8NEA9
Immunogen	GMCL1L antibody is generated from rabbits immunized with a KLH conjugated synthetic between 497-524 amino acids selected from the C-terminal region of human GMCL1L.
Product Categories/Family for anti-GMCL1P1 antibody	Antibodies; Abs to Spermatogenesis; Testis Proteins
Applications Tested/Suitable for anti-GMCL1P1 antibody	ELISA (EL/EIA), Western Blot (WB)
Application Notes for anti-GMCL1P1 antibody	Suitable for use in Western Blot, ELISA Dilution: ELISA: 1:1,000 Western Blot: 1:100-500
Related Product Information for anti-GMCL1P1 antibody	GMCL1L is possible function in spermatogenesis. Enhances the degradation of MDM2 and increases the amount of p53 probably by modulating the nucleocytoplasmic transport (By similarity). Probable substrate-specific adapter of an E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins.
Other Notes	Small volumes of anti-GMCL1P1 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 GMCL1P1 purchase	MBS648586 is an antibody targeting GMCL1P1. Also known as GMCL1L, CT (GMCL1P1, GCL, GMCL1L, Putative germ cell-less protein-like 1-like). Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-GMCL1P1 antibody
GMCL1L Antibody (C-term) western blot analysis in T47D cell line lysates (35ug/lane).This demonstrates the GMCL1L antibody detected the GMCL1L protein (arrow).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for GMCL1P1. It may not necessarily be applicable to this product.

NCBI GI #	119574231
NCBI GeneID	64396
NCBI Accession #	EAW53846.1
UniProt Primary Accession #	Q8NEA9
UniProt Secondary Accession #	Q8TC88; Q8TC89; B2RDW6
UniProt Related Accession #	Q8NEA9
NCBI Official Full Name	germ cell-less homolog 1 (Drosophila)-like
NCBI Official Synonym Full Names	germ cell-less, spermatogenesis associated 1 pseudogene 1
NCBI Official Symbol	GMCL1P1
NCBI Official Synonym Symbols	GCL; GMCL2; GMCL1L
UniProt Protein Name	Putative germ cell-less protein-like 1-like
Protein Family	Putative germ cell-less protein
UniProt Gene Name	GMCL1P1
UniProt Synonym Gene Names	GCL; GMCL1L
UniProt Entry Name	GMCLL_HUMAN
NCBI Summary for GMCL1P1	This locus shares a high degree of identity with the multi-exon germ cell-less gene on chromosome 2. Despite its single-exon nature, this chromosome 5 locus contains an open reading frame that could putatively encode a full-length germ cell-less related protein. [provided by RefSeq, Jul 2008]

UniProt Comments for GMCL1P1	Function: Possible function in spermatogenesis. Enhances the degradation of MDM2 and increases the amount of p53 probably by modulating the nucleocytoplasmic transport By similarity. Probable substrate-specific adapter of an E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins. Ref.3 Pathway: Protein modification; protein ubiquitination. Subunit structure: Interacts with TMPO-Beta, TSG101 and TFDP2. Interacts with EMD By similarity. Interacts with CUL3. Ref.3 Subcellular location: Nucleus matrix By similarity. Sequence similarities: Contains 1 BTB (POZ) domain.
Research Articles on GMCL1P1	**1.** microsomal epoxide hydrolase and glutamate-cysteine ligase in COPD
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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