GPRC5D Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	GPRC5D, Polyclonal Antibody
Full Product Name	GPRC5D Antibody
Product Gene Name	anti-GPRC5D antibody
Product Synonym Names	GPRC5D; G-protein coupled receptor family C group 5 member D
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Liquid; In Phosphate Buffered Saline, 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Molecular Weight	38,791 Da
Chromosome Location	Chromosome: 12; NC_000012.11 (13093709..13103318, complement). Location: 12p13.3
OMIM	607437
3D Structure	ModBase 3D Structure for Q9NZD1
Immunogen	Synthesized peptide derived from the C-terminal region of human GPRC5D.
Immunogen Species	Human
Conjugate	Non-conjugated
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-GPRC5D antibody	Western Blot (WB), Immunofluorescence (IF), ELISA (EIA)
Application Notes for anti-GPRC5D antibody	WB: 1:500-1:2000 IF: 1:200-1:1000 ELISA: 1:5000
Related Product Information for anti-GPRC5D antibody	MBS7120232 is an antibody targeting GPRC5D. Also known as GPRC5D Antibody. Reactive in Human, Mouse. Host: Rabbit.
Other Notes	Small volumes of anti-GPRC5D 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 GPRC5D. It may not necessarily be applicable to this product.

NCBI GI #	8923705
NCBI GeneID	55507

NCBI Accession #	NP_061124.1
UniProt Primary Accession #	Q9NZD1
UniProt Secondary Accession #	Q3KNV3; Q7Z5J9; Q8TDS6
UniProt Related Accession #	Q9NZD1
GenBank Nucleotide #	NM_018654.1
NCBI Official Full Name	G-protein coupled receptor family C group 5 member D
NCBI Official Synonym Full Names	G protein-coupled receptor, family C, group 5, member D
NCBI Official Symbol	GPRC5D
UniProt Protein Name	G-protein coupled receptor family C group 5 member D
Protein Family	G-protein coupled receptor family
UniProt Gene Name	GPRC5D
UniProt Entry Name	GPC5D_HUMAN
NCBI Protein Information	G-protein coupled receptor family C group 5 member D; orphan G-protein coupled receptor
NCBI Summary for GPRC5D	The protein encoded by this gene is a member of the G protein-coupled receptor family; however, the specific function of this gene has not yet been determined. [provided by RefSeq, Jul 2008]
UniProt Comments for GPRC5D	GPRC5D: is a member of the G protein-coupled receptor family; however, the specific function of this gene has not yet been determined. [provided by RefSeq, Jul 2008] Protein type: GPCR, family 3; Membrane protein, integral; Membrane protein, multi-pass; Receptor, GPCR Chromosomal Location of Human Ortholog: 12p13.3 Cellular Component: integral to membrane; plasma membrane Molecular Function: G-protein coupled receptor activity Biological Process: G-protein coupled receptor protein signaling pathway
Research Articles on GPRC5D	**1.** Overexpression of G protein-coupled receptor 5D in the bone marrow is associated with poor prognosis in patients with multiple myeloma.
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