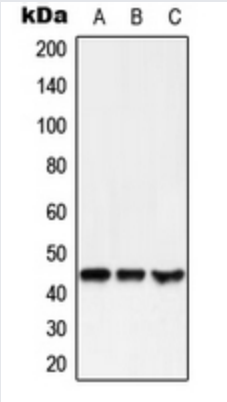
GPR38 (MLNR) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	GPR38 (MLNR), Polyclonal Antibody
Full Product Name	Anti-GPR38 Antibody
Product Gene Name	anti-MLNR antibody
Product Synonym Names	GPR38; MTLR; MTLR1; Motilin receptor; G-protein coupled receptor 38
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of GPR38 protein.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.
Antibody/Peptide Pairs	GPR38 peptide (MBS824268) is used for blocking the activity of GPR38 antibody (MBS820139)
Molecular Weight	42,026 Da
OMIM	602885
3D Structure	ModBase 3D Structure for O43193
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human GPR38. The exact sequence is proprietary.
Applications Tested/Suitable for anti-MLNR antibody	Western Blot (WB)
Application Notes for anti-MLNR antibody	WB (1/500 - 1/1000)
Related Product Information for anti-MLNR antibody	MBS820139 is an antibody targeting MLNR. Also known as Anti-GPR38 Antibody. Reactive in Human, Mouse. Host: Rabbit. Rabbit polyclonal antibody to GPR38
Other Notes	Small volumes of anti-MLNR 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.



Western Blot (WB) of anti-MLNR antibody
Western blot analysis of GPR38 expression in HEK293T (A), SP2/0 (B), NIH3T3 (C) whole cell lysates.

ADDITIONAL DETAILS

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

NCBI GI #	4504095
NCBI GeneID	2862
NCBI Accession #	NP_001498.1
UniProt Primary Accession #	O43193
UniProt Related Accession #	O43193
GenBank Nucleotide #	NM_001507.1
NCBI Official Full Name	motilin receptor
NCBI Official Synonym Full Names	motilin receptor
NCBI Official Symbol	MLNR
NCBI Official Synonym Symbols	GPR38; MTLR1
UniProt Protein Name	Motilin receptor
UniProt Synonym Protein Names	G-protein coupled receptor 38
Protein Family	Motilin receptor
UniProt Gene Name	MLNR
UniProt Synonym Gene Names	GPR38; MTLR; MTLR1
UniProt Entry Name	MTLR_HUMAN
NCBI Protein Information	motilin receptor; G protein-coupled receptor 38
NCBI Summary for MLNR	Motilin is a 22 amino acid peptide hormone expressed throughout the gastrointestinal (GI) tract. The protein encoded by this gene is a motilin receptor which is a member of the G-protein coupled receptor 1 family. This member is a multi-pass transmembrane protein, and is an important therapeutic target for the treatment of hypomotility disorders. [provided by RefSeq, Aug 2011]

UniProt Comments for MLNR	MLNR: Receptor for motilin. Belongs to the G-protein coupled receptor 1 family. 2 isoforms of the human protein are produced by alternative splicing. Protein type: GPCR, family 1; Receptor, GPCR; Membrane protein, multi-pass; Membrane protein, integral Chromosomal Location of Human Ortholog: 13q14-q21 Cellular Component: integral to plasma membrane; plasma membrane Molecular Function: G-protein coupled receptor activity; growth hormone-releasing hormone receptor activity Biological Process: G-protein coupled receptor protein signaling pathway; digestion
Research Articles on MLNR	**1.** data support important roles of new regions in the TM domains of the motilin receptor for erythromycin action, suggesting differential mechanisms of actions by peptidyl and non-peptidyl ligands
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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