GPR146 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	GPR146, Polyclonal Antibody
Full Product Name	GPR146, ID (GPR146, PGR8, Probable G-protein coupled receptor 146, G-protein coupled receptor PGR8) (MaxLight 550)
Product Gene Name	anti-GPR146 antibody
Product Synonym Names	GPR146; PGR8; Probable G-protein coupled receptor 146; G-protein coupled receptor PGR8
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight550.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight550 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	36,580 Da
Chromosome Location	Chromosome: 7; NC_000007.13 (1097141..1098897). Location: 7p22.3
3D Structure	ModBase 3D Structure for Q96CH1
Immunogen	GPR146 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 195-223 amino acids from the Central region of human GPR146.
Conjugate	MaxLight550
Note	Preservative Free
Product Categories/Family for anti-GPR146 antibody	Antibodies; G Protein Receptors
Applications Tested/Suitable for anti-GPR146 antibody	Western Blot (WB), FLISA
Application Notes for anti-GPR146 antibody	WB: 1:100-500 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-GPR146 antibody	MaxLight550 is a new Yellow-Green photostable dye conjugate comparable to Alexa Fluor546, 555, DyLight549, Cy3, TRITC and offers better labeling efficiency, brighter imaging and increased immunodetection. Absorbance (550nm); Emission (575nm); Extinction Coefficient 150,000.
Product References and Citations for anti-GPR146 antibody	Gloriam, D.E., et al. Biochim. Biophys. Acta 1722(3):235-246(2005). Vassilatis, D.K., et al. Proc. Natl. Acad. Sci. U.S.A. 100(8):4903-4908(2003).
Other Notes	Small volumes of anti-GPR146 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 GPR146 purchase	MBS6303740 is an antibody targeting GPR146. Also known as GPR146, ID (GPR146, PGR8, Probable G-protein coupled receptor 146, G-protein coupled receptor PGR8) (MaxLight 550). Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for GPR146. It may not necessarily be applicable to this product.

NCBI GI #	19923975
NCBI GeneID	115330
NCBI Accession #	NP_612454.1
UniProt Primary Accession #	Q96CH1
UniProt Secondary Accession #	Q86SP5
UniProt Related Accession #	Q96CH1
GenBank Nucleotide #	NM_138445.2
NCBI Official Full Name	probable G-protein coupled receptor 146
NCBI Official Synonym Full Names	G protein-coupled receptor 146
NCBI Official Symbol	GPR146
NCBI Official Synonym Symbols	PGR8
UniProt Protein Name	Probable G-protein coupled receptor 146
UniProt Synonym Protein Names	G-protein coupled receptor PGR8
Protein Family	Probable G-protein coupled receptor
UniProt Gene Name	GPR146
UniProt Synonym Gene Names	PGR8
UniProt Entry Name	GP146_HUMAN
NCBI Protein Information	probable G-protein coupled receptor 146; G protein-coupled receptor PGR8; G-protein coupled receptor PGR8
UniProt Comments for GPR146	GPR146: Orphan receptor. Belongs to the G-protein coupled receptor 1 family. Protein type: Membrane protein, integral; Membrane protein, multi-pass; Receptor, GPCR; GPCR, family 1 Chromosomal Location of Human Ortholog: 7p22.3 Cellular Component: integral to membrane; plasma membrane Molecular Function: G-protein coupled receptor activity Biological Process: G-protein coupled receptor protein signaling pathway
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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