GPR15 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	GPR15, Polyclonal Antibody
Full Product Name	GPR15 Antibody
Product Gene Name	anti-GPR15 antibody
Product Synonym Names	G-protein coupled receptor 15; Brother of Bonzo; BoB
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH7.3, 30% glycerol, and 0.01% sodium azide.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of GPR15 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.
Molecular Weight	40,787 Da
Chromosome Location	Chromosome: 3; NC_000003.11 (98250878..98251960). Location: 3q11.2-q13.1
OMIM	601166
3D Structure	ModBase 3D Structure for P49685
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human GPR15. The exact sequence is proprietary.
Product Categories/Family for anti-GPR15 antibody	Primary Antibody
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-GPR15 antibody	Western Blot (WB)
Application Notes for anti-GPR15 antibody	WB: 1:500-1:1000
Related Product Information for anti-GPR15 antibody	MBS8580624 is an antibody targeting GPR15. Also known as GPR15 Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit. Rabbit polyclonal antibody to GPR15
Other Notes	Small volumes of anti-GPR15 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 GPR15. It may not necessarily be applicable to this product.

NCBI GI #	4885299
NCBI GeneID	2838

NCBI Accession #	NP_005281.1
UniProt Primary Accession #	P49685
UniProt Secondary Accession #	Q3MIL4; Q6ISN6
UniProt Related Accession #	P49685
GenBank Nucleotide #	NM_005290.2
NCBI Official Full Name	G-protein coupled receptor 15
NCBI Official Synonym Full Names	G protein-coupled receptor 15
NCBI Official Symbol	GPR15
NCBI Official Synonym Symbols	BOB
UniProt Protein Name	G-protein coupled receptor 15
UniProt Synonym Protein Names	Brother of Bonzo
Protein Family	G-protein coupled receptor
UniProt Gene Name	GPR15
UniProt Synonym Gene Names	BoB
UniProt Entry Name	GPR15_HUMAN
NCBI Protein Information	G-protein coupled receptor 15; brother of Bonzo
NCBI Summary for GPR15	This gene encodes a G protein-coupled receptor that acts as a chemokine receptor for human immunodeficiency virus type 1 and 2. The encoded protein localizes to the cell membrane. [provided by RefSeq, Nov 2012]
UniProt Comments for GPR15	GPR15: Probable chemokine receptor. Alternative coreceptor with CD4 for HIV-1 infection. Belongs to the G-protein coupled receptor 1 family. Protein type: Receptor, GPCR; GPCR, family 1; Membrane protein, integral; Membrane protein, multi-pass Chromosomal Location of Human Ortholog: 3q11.2-q13.1 Cellular Component: integral to plasma membrane Molecular Function: G-protein coupled receptor activity Biological Process: G-protein coupled receptor protein signaling pathway
Research Articles on GPR15	**1.** C-terminal membrane-proximal basic residues have a role in cell surface trafficking of HIV coreceptor GPR15 protein
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