GPCR GPR15 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	GPCR GPR15, Polyclonal Antibody
Full Product Name	GPCR GPR15 Antibody FITC-Conjugated
Product Gene Name	anti-GPCR GPR15 antibody
Product Synonym Names	BOB; Brother of Bonzo; G protein coupled receptor 15; G protein coupled receptor GPR15 antibody
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Monkey, Mouse
Form/Format	FITC-Conjugated
Concentration	0.55-0.75 ug/ul in antibody stabilization buffer (lot specific)
Preparation and Storage	-20• degree C for long term storage
Matching Pairs	Antibody: GPCR GPR15 (MBS541749) Positive Control: GPCR GPR15 (MBS542822)
Antibody/Peptide Pairs	GPCR GPR15 peptide (MBS543778) is used for blocking the activity of GPCR GPR15 antibody (MBS541749)
Molecular Weight	40,787 Da
OMIM	601166
3D Structure	ModBase 3D Structure for P49685
Immunogen	Synthetic peptide taken within amino acid region 320-360 on human GPCR GPR15 protein.
Molecular Function	GPCR; Receptor; Transducer
Structure	Belongs to G-protein coupled receptor 1 family.
Subcellular Location	Cell membrane; Multi-pass membrane protein
Applications Tested/Suitable for anti-GPCR GPR15 antibody	ELISA (EIA), Immunoprecipitation (IP), Western Blot (WB)
Application Notes for anti-GPCR GPR15 antibody	Dot Blot: 1:10,000 ELISA: 1:10,000 Western Blot: 1:500
Related Product Information for anti-GPCR GPR15 antibody	FITC-Conjugated G-protein coupled receptor 15 Antibody Chemokine receptor; Alternative correceptor with CD4 for HIV-1 infection.
Other Notes	Small volumes of anti-GPCR 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.
Searchable Terms for GPCR GPR15 purchase	MBS541749 is an antibody targeting GPCR GPR15. Also known as GPCR GPR15 Antibody FITC-Conjugated. Reactive in Human, Monkey, Mouse. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for GPCR GPR15. It may not necessarily be applicable to this product.

NCBI GI #	4885299
NCBI GeneID	2838
NCBI Accession #	NP_005281
UniProt Primary Accession #	P49685
UniProt Secondary Accession #	Q3MIL4; Q6ISN6
UniProt Related Accession #	P49685
GenBank Nucleotide #	NM_005290.3
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; BoB
UniProt Gene Name	GPR15
UniProt Synonym Gene Names	BoB
UniProt Entry Name	GPR15_HUMAN
NCBI Protein Information	G-protein coupled receptor 15
NCBI Summary for GPCR 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 GPCR 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; Membrane protein, integral; Membrane protein, multi-pass; GPCR, family 1 Chromosomal Location of Human Ortholog: 3q11.2-q13.1 Cellular Component: integral to plasma membrane; plasma membrane Molecular Function: G-protein coupled receptor activity Biological Process: G-protein coupled receptor protein signaling pathway
Research Articles on GPCR GPR15	**1.** Analysis of GPR15 methylation identified significantly greater hypomethylation in smokers compared with that in never-smokers.
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