BRS3 Antibody

PRODUCT OVERVIEW

Product Name	BRS3, Antibody
Full Product Name	BRS3 Antibody
Product Gene Name	anti-BRS3 antibody
Product Synonym Names	Bombesin receptor subtype-3; BRS-3
Species Reactivity	Human
Form/Format	In phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purity/Purification	Immunogen affinity purified
Specificity	BRS3 Antibody detects endogenous levels of total BRS3
Preparation and Storage	Store at-20 degree C for 1 year
Molecular Weight	47 KD
OMIM	300107
3D Structure	ModBase 3D Structure for P32247
Immunogen	A synthesized peptide
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-BRS3 antibody	Western Blot (WB)
Application Notes for anti-BRS3 antibody	WB: 1:500-1:1000
Related Product Information for anti-BRS3 antibody	MBS8515614 is an antibody targeting BRS3. Also known as BRS3 Antibody. Reactive in Human.
Other Notes	Small volumes of anti-BRS3 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 BRS3. It may not necessarily be applicable to this product.

NCBI GI #	4502455
NCBI GeneID	680
NCBI Accession #	NP_001718.1
UniProt Primary Accession #	P32247
UniProt Related Accession #	P32247
GenBank Nucleotide #	NM_001727.1
NCBI Official Full Name	bombesin receptor subtype-3
NCBI Official Synonym Full Names	bombesin receptor subtype 3

NCBI Official Symbol	BRS3
NCBI Official Synonym Symbols	BB3; BB3R
UniProt Protein Name	Bombesin receptor subtype-3
Protein Family	Bombesin receptor
UniProt Gene Name	BRS3
UniProt Synonym Gene Names	BRS-3
NCBI Protein Information	bombesin receptor subtype-3
NCBI Summary for BRS3	The protein encoded by this gene is a G protein-coupled membrane receptor that binds bombesin-like peptides. This binding results in activation of a phosphatidylinositol-calcium second messenger system, with physiological effects including regulation of metabolic rate, glucose metabolism, and hypertension. [provided by RefSeq, Sep 2011]
UniProt Comments for BRS3	Role in sperm cell division, maturation, or function. This receptor mediates its action by association with G proteins that activate a phosphatidylinositol-calcium second messenger system.
Research Articles on BRS3	**1.** mammalian homologue of CCHa2-R, Bombesin receptor subtype-3 (Brs3), is an orphan receptor that is expressed in the islet beta-cells
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