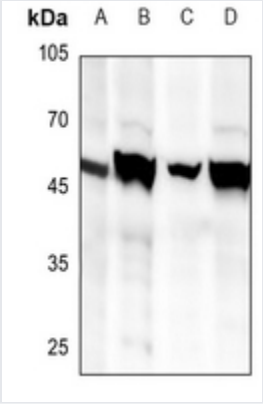
BRS3 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	BRS3, Polyclonal Antibody
Full Product Name	Anti-BRS3 Antibody
Product Gene Name	anti-BRS3 antibody
Product Synonym Names	Bombesin receptor subtype-3; BRS-3
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Rat
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.
Molecular Weight	44,411 Da
Chromosome Location	Chromosome: X; NC_000023.10 (135570125..135574598). Location: Xq26.3
OMIM	300107
3D Structure	ModBase 3D Structure for P32247
Applications Tested/Suitable for anti-BRS3 antibody	Western Blot (WB)
Related Product Information for anti-BRS3 antibody	Rabbit polyclonal antibody to BRS3 KLH-conjugated synthetic peptide encompassing a sequence within the center region of human BRS3. The exact sequence is proprietary.
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.
Searchable Terms for BRS3 purchase	MBS9239062 is an antibody targeting BRS3. Reactive in Human, Rat. Host: Rabbit.



Wester Blot (WB) of anti-BRS3 antibody
Dilution: WB (1/500 - 1/1000)Western blot analysis of BRS3 expression in A549 (A), H9C2 (B), PC3 (C), Panc1 (D) whole cell lysates.

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-like receptor 3
NCBI Official Symbol	BRS3
UniProt Protein Name	Bombesin receptor subtype-3
Protein Family	Bombesin receptor
UniProt Gene Name	BRS3
UniProt Synonym Gene Names	BRS-3
UniProt Entry Name	BRS3_HUMAN
NCBI Protein Information	bombesin receptor subtype-3; BRS-3; G-protein coupled receptor; 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	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. Belongs to the G-protein coupled receptor 1 family. Protein type: Membrane protein, integral; Receptor, GPCR; Membrane protein, multi-pass; GPCR, family 1 Chromosomal Location of Human Ortholog: Xq26.3 Cellular Component: neuron projection; cell soma; plasma membrane; integral to membrane Molecular Function: bombesin receptor activity Biological Process: regulation of blood pressure; bombesin receptor signaling pathway; glucose metabolic process; adult feeding behavior
Research Articles on BRS3	**1.** BRS-3 agonist-dependent signaling mediates CREB phosphorylation and transactivation through protein kinase (PK)A, (PK)C, and mitogen-activated protein/extracellular regulated kinase kinase (MEK)-1 pathways.
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