

BRS3 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP9474c**Specification**

BRS3 Antibody (Center) Blocking Peptide - Product Information

Primary Accession [P32247](#)

BRS3 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 680

Other Names

Bombesin receptor subtype-3, BRS-3, BRS3

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

BRS3 Antibody (Center) Blocking Peptide - Protein Information

Name BRS3

Function

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.

Cellular Location

Cell membrane; Multi-pass membrane protein.

Tissue Location

In germ cells in testis. Lung carcinoma cells.

BRS3 Antibody (Center) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

BRS3 Antibody (Center) Blocking Peptide - Images

BRS3 Antibody (Center) Blocking Peptide - Background

Mammalian bombesin-like peptides (see MIM 137260) are widely distributed in the central nervous system as well as in the gastrointestinal tract, where they modulate smooth-muscle contraction, exocrine and endocrine processes, metabolism, and behavior. They bind to G protein-coupled receptors on the cell surface to elicit their effects. Bombesin-like peptide receptors include gastrin-releasing peptide receptor (MIM 305670), neuromedin B receptor (MIM 162341), and bombesin-like receptor-3 (BRS3) (Ohki-Hamazaki et al., 1997).

BRS3 Antibody (Center) Blocking Peptide - References

??ang, Y., et al. Cell Biol. Int. 31(12):1495-1500(2007)??an, Y.R., et al. Biochem. J. 405(1):131-137(2007)??ou, X., et al. Lung Cancer 54(2):143-148(2006)??oss, M.T., et al. Nature 434(7031):325-337(2005)??iu, J., et al. Biochemistry 41(28):8954-8960(2002)