

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

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**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)