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BRS3 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP9474C

Specification

BRS3 Antibody (Center) - Product Information

Application	**WB,E**
Primary Accession	P32247
Other Accession	Q8K418, O54798
Reactivity	**Human, Mouse**
Predicted	**Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**44411**
Antigen Region	**239-268**

BRS3 Antibody (Center) - Additional Information

Gene ID 680

Other Names
Bombesin receptor subtype-3, BRS-3, BRS3

Target/Specificity
This BRS3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 239-268 amino acids from the Central region of human BRS3.

Dilution
WB~~1:1000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
BRS3 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

BRS3 Antibody (Center) - 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.

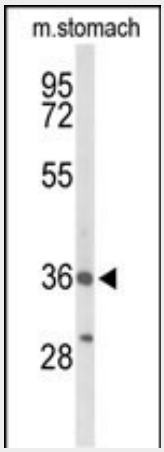
Tissue Location
In germ cells in testis. Lung carcinoma cells.

BRS3 Antibody (Center) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

BRS3 Antibody (Center) - Images



Western blot analysis of BRS3 Antibody (Center) (Cat. #AP9474c) in mouse stomach tissue lysates (35ug/lane). BRS3 (arrow) was detected using the purified Pab.

BRS3 Antibody (Center) - 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) - References

?Wang, Y., et al. Cell Biol. Int. 31(12):1495-1500(2007)
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