



# BRS-3 Polyclonal Antibody

<b>Catalog No</b>	BYab-13160
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Gene Name</b>	BRS3
<b>Protein Name</b>	Bombesin receptor subtype-3
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human BRS3. AA range:161-210
<b>Specificity</b>	BRS-3 Polyclonal Antibody detects endogenous levels of BRS-3 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	BRS3; Bombesin receptor subtype-3; BRS-3
<b>Observed Band</b>	47kD
<b>Cell Pathway</b>	Cell membrane; Multi-pass membrane protein.
<b>Tissue Specificity</b>	In germ cells in testis. Lung carcinoma cells.
<b>Function</b>	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.,similarity:Belongs to the G-protein coupled receptor 1 family.,tissue specificity:In germ cells in testis. Lung carcinoma cells.,
<b>Background</b>	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.

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[provided by RefSeq, Sep 2011],

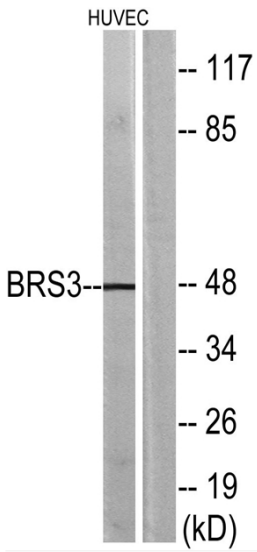
**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western blot analysis of lysates from HUVEC cells, using BRS3 Antibody. The lane on the right is blocked with the synthesized peptide.