Rabbit anti-Human BRS3 Polyclonal Antibody | anti-BRS3 antibody

BRS3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325472	**Rabbit**	**Human**	**ELISA, Immunocytochemistry, Immunofluorescence, Western Blot**

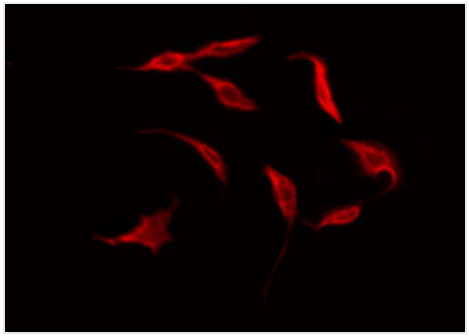
PRODUCT SYNONYMS

BRS3; Polyclonal Antibody; BRS3 Antibody; BB3; BLP receptor subtype 3; Bombesin like receptor 3; Bombesin receptor subtype 3; Bombesin receptor subtype-3; BRS 3; BRS-3; BRS3_HUMAN; anti-BRS3 antibody

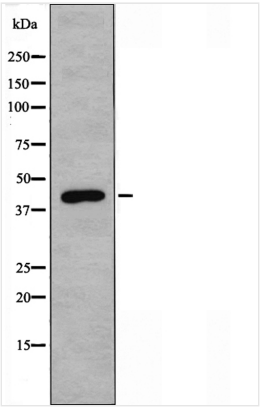
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	BRS3 antibody detects endogenous levels of total BRS3
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	399
Applicable Applications for anti-BRS3 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cell Membrane
Tissue Specificity	In germ cells in testis. Lung carcinoma cells.
Predicted Cross Reactivity	**Pig, Rabbit**
Similarity	Pig (83%), Rabbit (83%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)
AAA325472 staining HuvEc by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)
Western blot analysis of extracts from HUVEC cells, using BRS3 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-BRS3 antibody	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. Subunit Structure: Interacts with C6orf89. Similarity: Belongs to the G-protein coupled receptor 1 family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502455
NCBI GeneID	680
NCBI Accession #	NP_001718.1
NCBI GenBank Nucleotide #	NM_001727.1
UniProt Accession #	P32247
Molecular Weight	Observed: 44 kD Predicted: 45 kDa
NCBI Official Full Name	bombesin receptor subtype-3
NCBI Official Synonym Full Names	bombesin receptor subtype 3
NCBI Official Symbol	BRS3
NCBI Official Synonym Symbols	BB3; BB3R
NCBI Protein Information	bombesin receptor subtype-3
UniProt Protein Name	Bombesin receptor subtype-3
UniProt Gene Name	**BRS3**
UniProt Synonym Gene Names	BRS-3

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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