

Rabbit BRS3 / BRS-3 Polyclonal Antibody | anti-BRS3 antibody

Rabbit Polyclonal to Human BRS3 / BRS-3

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51137	Rabbit	Gibbon, Gorilla, Human Predicted Reactivity: Monkey (at least 90% immunogen sequence identity)	Immunohistochemistry

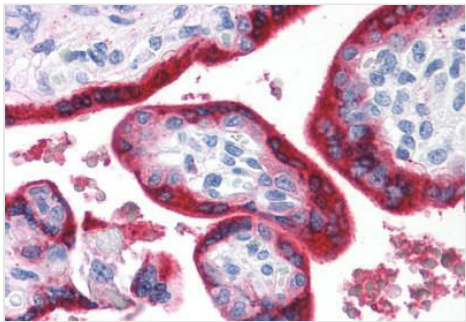
PRODUCT SYNONYMS

BRS3 / BRS-3; Polyclonal Antibody; Rabbit Polyclonal to Human BRS3 / BRS-3; Anti-BRS3 / BRS-3 Antibody (N-Terminus) IHC-plus; BRS3; BB3 receptor; Bombesin-like receptor 3; Bombesin receptor subtype 3; Bombesin receptor subtype-3; BRS-3; BLP receptor subtype 3; Bombesin receptor 3; Human BRS3; anti-BRS3 antibody

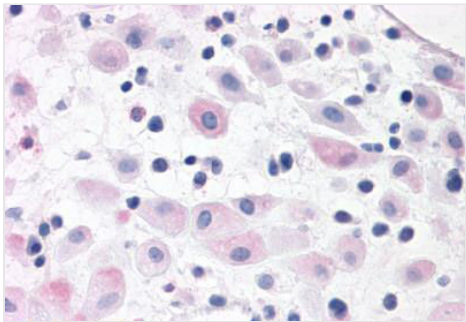
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Gibbon, Gorilla, Human Predicted Reactivity: Monkey (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human BRS3. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	399
Applicable Applications for anti-BRS3 antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 15 amino acid peptide from N-terminal extracellular domain of human BRS3. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Marmoset (100%); Monkey (93%); Guinea pig (87%); Mouse, Hamster (80%).
Immunogen Type	Synthetic peptide
Immunogen	BRS3 / BRS-3 antibody was raised against synthetic 15 amino acid peptide from N-terminal extracellular domain of human BRS3. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Marmoset (100%); Monkey (93%); Guinea pig (87%); Mouse, Hamster (80%).
Antigen Modification	N-Terminus
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES



IHC (Immunohistochemistry)
Anti-BRS3 antibody IHC of human placenta, villi. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-BRS3 antibody IHC of human pregnant uterus. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-BRS3 antibody	BRS3 is classified as an Orphan-A Receptor and is highly similar to the bombesin receptors but has a very low affinity for bombesin itself. Mice lacking BRS3 develop metabolic defects and obesity, suggesting that BRS3 may be an important target for obesity research. In addition, BRS3 may be involved in diabetes and hypertension.
Product Categories/Family for anti-BRS3 antibody	Family: GPCR; Subfamily: Orphan-A

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	44,411 Da
NCBI Official Full Name	bombesin receptor subtype-3
NCBI Official Synonym Full Names	bombesin-like receptor 3
NCBI Official Symbol	BRS3
NCBI Official Synonym Symbols	BB3
NCBI Protein Information	bombesin receptor subtype-3; BRS-3; G-protein coupled receptor; bombesin receptor subtype 3
UniProt Protein Name	Bombesin receptor subtype-3
UniProt Gene Name	BRS3
UniProt Synonym Gene Names	BRS-3
UniProt Entry Name	BRS3_HUMAN

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.