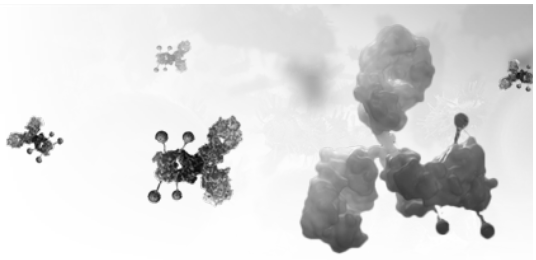

Anti-BRS3 polyclonal antibody (CPBT-67380RH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	This product detects bombesin-like receptor-3 (BRS-3), a heptahelical G protein-coupled receptor. BRS-3 is thought to function as a receptor for bombesin-like peptides; which modulate smooth- muscle contraction, exocrine and endocrine processes, metabolism, and behaviour. BRS-3 is thought to be particularly important in regulating obesity and metabolic control of insulin and glucose. BRS-3 expression in secondary spermatocytes suggests BRS-3 has a role in sperm cell division, maturation, or function. BRS-3 could also serve as a potential therapeutic target in human lung carcinoma.
Specificity	BRS3
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Conjugate	Unconjugated
Applications	IHC-P
Format	Purified IgG - liquid
Size	50 µg
Preservative	0.01% Sodium Azide
Storage	in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

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GENE INFORMATION

Gene Name	BRS3 bombesin-like receptor 3 [Homo sapiens (human)]
Official Symbol	BRS3
Synonyms	BRS3; bombesin-like receptor 3; BB3; bombesin receptor subtype-3; BRS-3; G-protein coupled receptor; bombesin receptor subtype 3;
Entrez Gene ID	680
Protein Refseq	NP_001718
UniProt ID	P32247
Chromosome Location	Xq26.3
Pathway	Class A/1 (Rhodopsin-like receptors); Defective ACTH causes Obesity and Pro-opiomelanocortinin deficiency (POMCD); Disease; G alpha (q) signalling events; GPCR downstream signaling; GPCR ligand binding; GPCRs, Class A Rhodopsin-like; Gastrin-CREB signalling pathway via PKC and MAPK;
Function	bombesin receptor activity;

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