



Anti-BRS3 (aa 290-399) polyclonal antibody (DPAB-DC2989)

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

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	BRS3 (NP_001718, 290 a.a. ~ 399 a.a) partial recombinant protein with GST tag. The sequence is LYLYHSFTSQTYVDPSAMHFIFTIFSRVLAFSNSCVNPFALYWLSKSFQKHFKAQFLCCK AERPEPPVADTSLTTLAVMGTVPGTGSIQMSEISVTSFTGCSVKQAEDRF
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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); GPCR downstream signaling; GPCRs, Class A Rhodopsin-like; Neuroactive ligand-receptor interaction
Function	bombesin receptor activity;