



Anti-GPSM1 (aa 446-476) polyclonal antibody (CPBT-36245RH)

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

PRODUCT INFORMATION

Product Overview	Rabbit Polyclonal antibody to Human GPSM1.
Antigen Description	G-protein signaling modulators (GPSM) play diverse functional roles through their interaction with G-protein subunits. This gene encodes a receptor-independent activator of G protein signaling, which is one of several factors that influence the basal activity of G protein signaling systems. The protein contains seven tetratricopeptide repeats in its N-terminal half and four G-protein regulatory (GPR) motifs in its C-terminal half. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Specificity	Expressed in intestinal cells.
Immunogen	KLH conjugated synthetic peptide between amino acids 446-476 from the central region of Human GPSM1.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB
Sequence Similarities	Belongs to the GPSM family. Contains 4 GoLoco domains. Contains 9 TPR repeats.
Cellular Localization	Cytoplasm # cytosol. Endoplasmic reticulum membrane. Golgi apparatus membrane. Cell membrane.

Format	Liquid
Size	100 µg
Buffer	Preservative:0.09% Sodium azideConstituent:99% PBS
Preservative	0.09% Sodium Azide
Storage	Store at 4°C (up to 6 months). For long term storage store at -20°C

GENE INFORMATION

Gene Name	GPSM1 G-protein signaling modulator 1 [Homo sapiens]
Official Symbol	GPSM1
Synonyms	GPSM1; G-protein signaling modulator 1; G protein signalling modulator 1 (AGS3 like, C. elegans); G-protein-signaling modulator 1; AGS3; AGS3 homolog (C. elegans); DKFZP727I051; Activator of G-protein signaling 3; AGS3; AGS3 homolog; C10a; G protein signaling modulator 1 (AGS3 like, C. elegans); G-protein-signaling modulator 1; GPSM1; GPSM1_HUMAN; AGS3 homolog; 1810037C22Rik; activator of G-protein signaling 3; G-protein signaling modulator 1 (AGS3-like, C. elegans); G-protein signalling modulator 1 (AGS3-like, C. elegans);
Entrez Gene ID	26086
Protein Refseq	NP_001139111
UniProt ID	Q86YR5
Chromosome Location	9q34.3
Function	G-protein alpha-subunit binding; GTPase activator activity; binding;