



Anti-GUCY2C (aa 24-133) polyclonal antibody (DPAB-DC1512)

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

PRODUCT INFORMATION

Antigen Description	GUCY2C (guanylate cyclase 2C (heat stable enterotoxin receptor)) is a protein-coding gene, and is affiliated with the lncRNA class. Diseases associated with GUCY2C include ileus, and ovarian mucinous neoplasm, and among its related super-pathways are Cellular Effects of Sildenafil and CREB Pathway. GO annotations related to this gene include guanylate cyclase activity and GTP binding. An important paralog of this gene is ADCY5.
Immunogen	GUCY2C (NP_004954, 24 a.a. ~ 133 a.a) partial recombinant protein with GST tag. The sequence is SQVSQNCHNGSYEISVLMGMNSAFAEPLKNLEDAVNEGLEIVRGRQLQNAGLNVTVNATFM YSDGLIHNSGDCRSSTCEGLLLRKISNAQRMGCVLIGPSCTYSTFQMYL
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	GUCY2C guanylate cyclase 2C (heat stable enterotoxin receptor) [Homo sapiens (human)]
Official Symbol	GUCY2C
Synonyms	GUCY2C; guanylate cyclase 2C (heat stable enterotoxin receptor); STAR; DIAR6; GUC2C; MECIL; MUCIL; heat-stable enterotoxin receptor; GC-C; hSTAR; STA receptor; guanylyl cyclase C; intestinal guanylate cyclase;
Entrez Gene ID	2984
Protein Refseq	NP_004954
UniProt ID	P25092
Chromosome Location	12p12
Pathway	Purine metabolism;
Function	ATP binding; GTP binding; guanylate cyclase activity; protein binding
