



Anti-GUCY1B3 (aa 189-207) polyclonal antibody (DPABH-06288)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes the beta subunit of the soluble guanylate cyclase (sGC), which catalyzes the conversion of GTP (guanosine triphosphate) to cGMP (cyclic guanosine monophosphate). The encoded protein contains an HNOX domain, which serves as a receptor for ligands such as nitric oxide, oxygen and nitrovasodilator drugs. Alternative splicing results in multiple transcript variants.
Immunogen	Synthetic peptide: EDFYEDLDRFEENGQTQESR, corresponding to amino acids 189-207 of Human Guanylyl Cyclase beta 1 (NP_000848.1).
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Protein A purified
Conjugate	Unconjugated
Applications	IHC-P
Format	Liquid
Size	50 µg
Buffer	pH: 7.20; Constituents: 99% PBS, BSA
Preservative	0.09% Sodium Azide
Storage	Store at 4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.

GENE INFORMATION

Gene Name	GUCY1B3 guanylate cyclase 1, soluble, beta 4 [Homo sapiens]
Official Symbol	GUCY1B3
Synonyms	GUCY1B3; guanylate cyclase 1, soluble, beta 3; GUCB3; GC-SB3; GUC1B3; GUCSB3; GUCY1B1; GC-S-beta-1; guanylate cyclase soluble subunit beta-1; GCS-beta-1; GCS-beta-3; soluble guanylate cyclase small subunit; guanylate cyclase soluble subunit beta-3;
Entrez Gene ID	2983
Protein Refseq	NP_000848.1
UniProt ID	Q02153
Pathway	Circadian entrainment; Gap junction; Hemostasis; Long-term depression
Function	GTP binding; Hsp90 protein binding; guanylate cyclase activity; heme binding