

GCS-?-2 Polyclonal Antibody

Cat No: HR1AP6802

For research use only

Overview

Product Name	GCS-?-2 Polyclonal Antibody
Source	Rabbit
Applications	IHC-p,ELISA
Species Reactivity	Human,Mouse,Rat
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	70kDa
GeneID?Human?	GUCY1B2
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	GUCY1B2; Guanylate cyclase soluble subunit beta-2; GCS-beta-2
Background	Nitric oxide-sensitive guanylyl cyclase is a heterodimeric enzyme consisting of an alpha and a beta subunit. The enzyme converts GTP into the second messenger cGMP and plays a major role in the cardiovascular system as a receptor for nitric oxide. Unlike other guanylyl cyclases, GUCY1B2 contains an 86-amino acid C-terminal extension with a consensus sequence for isoprenylation/carboxymethylation.