

GCS- β -2 rabbit pAb antibody

Catalog No :	Source:	Concentration :	Mol.Wt. (Da):
A14990	Rabbit	1 mg/ml	70368

Applications	IHC,ELISA
Reactivity	Human,Mouse,Rat
Dilution	IHC: 1:100 - 1:300. ELISA: 1:10000. Not yet tested in other applications.
Storage	-20°C/1 year
Specificity	GCS- β -2 Polyclonal Antibody detects endogenous levels of GCS- β -2 protein.
Source / Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Immunogen	The antiserum was produced against synthesized peptide derived from human GCS-beta-2. AA range:53-102
Uniprot No	O75343
Alternative names	GUCY1B2; Guanylate cyclase soluble subunit beta-2; GCS-beta-2
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Clonality	Polyclonal
Isotype	IgG
Conjugation	
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.
Other	GUCY1B2, Guanylate cyclase soluble subunit beta-2
Product Images:	

Application Key:

WB-Western IP-Immunoprecipitation IHC-Immunohistochemistry ChIP-Chromatin Immunoprecipitation

IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

Species Cross-Reactivity Key:

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster

X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All

Species Expected

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