

GCS- β -1 Polyclonal Antibody
Catalog # AP70069**Specification**

GCS- β -1 Polyclonal Antibody - Product Information

Application	WB, IHC-P
Primary Accession	Q02153
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

GCS- β -1 Polyclonal Antibody - Additional Information**Gene ID** 2983**Other Names**

GUCY1B3; GUC1B3; GUCSB3; GUCY1B1; Guanylate cyclase soluble subunit beta-1; GCS-beta-1; Guanylate cyclase soluble subunit beta-3; GCS-beta-3; Soluble guanylate cyclase small subunit

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.

IHC-P~~N/A

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

GCS- β -1 Polyclonal Antibody - Protein Information**Name** GUCY1B1 ([HGNC:4687](#))**Function**

Mediates responses to nitric oxide (NO) by catalyzing the biosynthesis of the signaling molecule cGMP.

Cellular Location

Cytoplasm {ECO:0000250|UniProtKB:P16068}.

Tissue Location

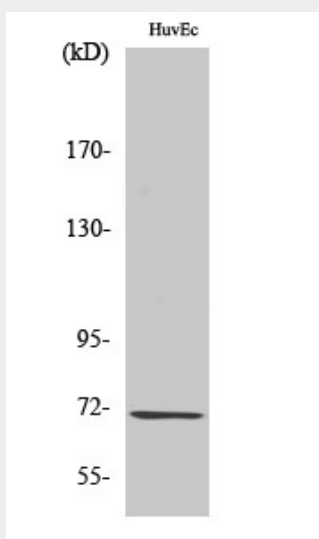
Detected in brain cortex and cerebellum (at protein level).

GCS- β -1 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

GCS- β -1 Polyclonal Antibody - Images



Western Blot analysis of various cells using GCS- β -1 Polyclonal Antibody

GCS- β -1 Polyclonal Antibody - Background

Mediates responses to nitric oxide (NO) by catalyzing the biosynthesis of the signaling molecule cGMP.