

Guanylyl Cyclase beta 1 Antibody
Rabbit mAb
Catalog # AP92018**Specification**

Guanylyl Cyclase beta 1 Antibody - Product Information

Application	WB, IHC
Primary Accession	Q02153
Reactivity	Rat
Clonality	Monoclonal
Other Names	
GCbeta1; GCS beta 1; GCS beta 3; GUC1B3; GUCSB3; GUCY1B1; Gucy1b1; GUCY1B3; SGC;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	70514 Da

Guanylyl Cyclase beta 1 Antibody - Additional Information

Dilution	WB~~1:1000 IHC~~1:100~500
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Guanylyl Cyclase beta 1
Description	Mediates responses to nitric oxide (NO) by catalyzing the biosynthesis of the signaling molecule cGMP.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Guanylyl Cyclase beta 1 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

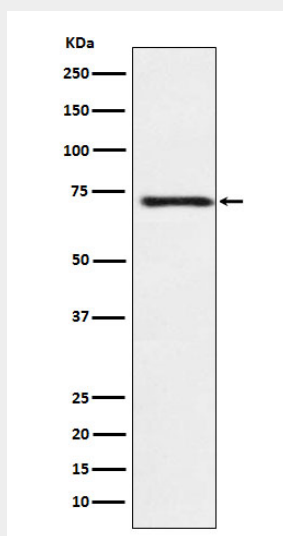
Detected in brain cortex and cerebellum (at protein level).

Guanylyl Cyclase beta 1 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](#)

Guanylyl Cyclase beta 1 Antibody - Images



Western blot analysis of Guanylyl Cyclase beta 1 expression in Human fetal brain lysate.