

Anti-Guanylyl Cyclase beta 1 Rabbit Monoclonal Antibody
Catalog # ABO15481**Specification****Anti-Guanylyl Cyclase beta 1 Rabbit Monoclonal Antibody - Product Information**

Application	WB, IHC
Primary Accession	Q02153
Host	Rabbit
Isotype	IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid

Description

Anti-Guanylyl Cyclase beta 1 Rabbit Monoclonal Antibody . Tested in WB, IHC applications. This antibody reacts with Human, Mouse, Rat.

Anti-Guanylyl Cyclase beta 1 Rabbit Monoclonal Antibody - Additional Information

Gene ID 2983

Other Names

Guanylate cyclase soluble subunit beta-1, GCS-beta-1, 4.6.1.2, Guanylate cyclase soluble subunit beta-3, GCS-beta-3, Soluble guanylate cyclase small subunit, GUCY1B1 (http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=4687)
HGNC:4687

Calculated MW

71 kDa KDa

Application Details

WB 1:500-1:2000
IHC 1:50-1:200

Contents

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen

A synthesized peptide derived from human Guanylyl Cyclase beta 1

Purification

Affinity-chromatography

Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Anti-Guanylyl Cyclase beta 1 Rabbit Monoclonal 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

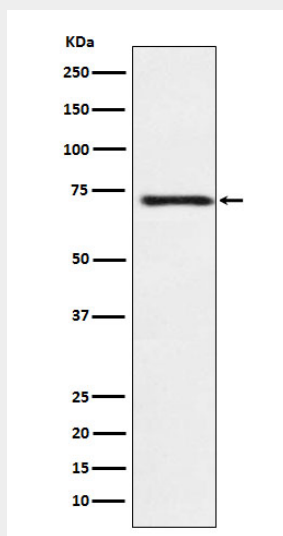
Detected in brain cortex and cerebellum (at protein level).

Anti-Guanylyl Cyclase beta 1 Rabbit Monoclonal Antibody - Protocols

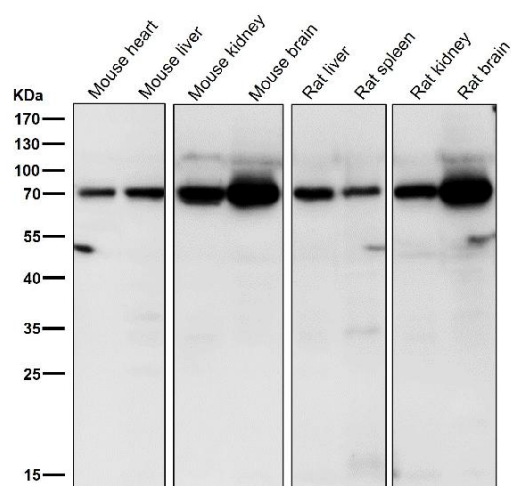
Provided below are standard protocols that you may find useful for product applications.

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

Anti-Guanylyl Cyclase beta 1 Rabbit Monoclonal Antibody - Images



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



All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.