

Anti-Guanylyl Cyclase beta 1 Rabbit Monoclonal Antibody

Catalog # ABO15481

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.

Additional Information

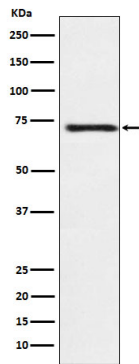
Gene ID	2983
Other Names	Guanylate cyclase soluble subunit beta-1, GCS-beta-1, 4.6.1.2, Guanylate cyclase soluble subunit beta-3, GCS-beta-3, Soluble guanylate cyclase small subunit, GUCY1B1 (HGNC:4687)
Calculated MW	70514
Application Details	WB 1:500-1:2000 IHC 1:50-1:200
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: 20G57
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.

Protein Information

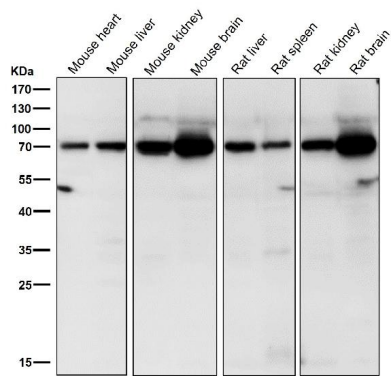
Name	GUCY1B1 (HGNC:4687)
Function	Mediates responses to nitric oxide (NO) by catalyzing the biosynthesis of the signaling molecule cGMP.

Cellular Location	Cytoplasm {ECO:0000250 UniProtKB:P16068}.
Tissue Location	Detected in brain cortex and cerebellum (at protein level).

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.