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GUCY1B3 Antibody (aa10-59)

Rabbit Polyclonal Antibody
Catalog # ALS15046

Specification

GUCY1B3 Antibody (aa10-59) - Product Information

Application	**WB, IHC**
Primary Accession	Q02153
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**71kDa KDa**

GUCY1B3 Antibody (aa10-59) - 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, GUCY1B3, GUC1B3, GUCSB3, GUCY1B1

Target/Specificity
Guanylate Cyclase beta Antibody detects endogenous levels of total Guanylate Cyclase beta protein.

Reconstitution & Storage
Store at -20°C for up to one year.

Precautions
GUCY1B3 Antibody (aa10-59) is for research use only and not for use in diagnostic or therapeutic procedures.

GUCY1B3 Antibody (aa10-59) - 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).

Volume

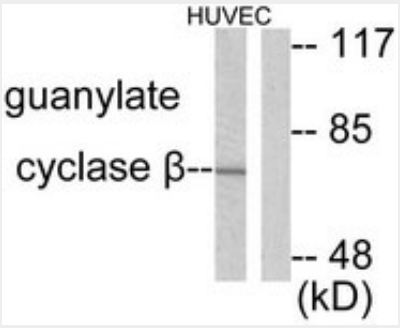
50 µl

GUCY1B3 Antibody (aa10-59) - Protocols

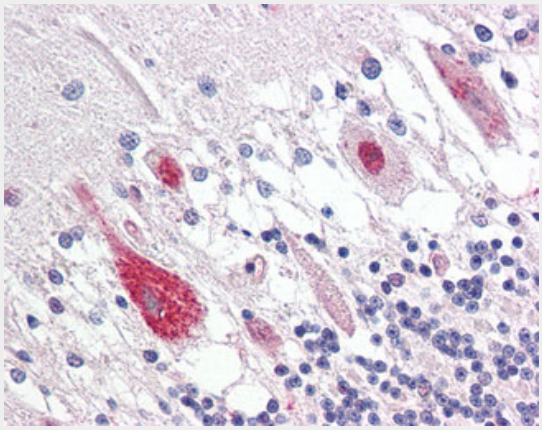
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

GUCY1B3 Antibody (aa10-59) - Images



Western blot of extracts from HUVEC cells, using Guanylate Cyclase beta Antibody.



Anti-GUCY1B3 / Guanylyl Cyclase Beta 1 antibody IHC of human brain, cerebellum.

GUCY1B3 Antibody (aa10-59) - References

Giuili G.,et al.FEBS Lett. 304:83-88(1992).
Gansemans Y.,et al.Submitted (AUG-1997) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Hillier L.W.,et al.Nature 434:724-731(2005).
Chhajilani V.,et al.FEBS Lett. 290:157-158(1991).