

GUCY1A3 Antibody

Purified Mouse Monoclonal Antibody Catalog # AO2287a

Specification

GUCY1A3 Antibody - Product Information

Application E, WB, IF, FC, IHC

Primary Accession

Reactivity

Host

Clonality

Isotype

Mouse

Mouse

Monoclonal

Mouse

Monoclonal

Mouse

Monoclonal

Mouse

Monoclonal

Monoclonal

Monoclonal

Calculated MW 77.5kDa KDa

Description

Soluble guanylate cyclases are heterodimeric proteins that catalyze the conversion of GTP to 3',5'-cyclic GMP and pyrophosphate. The protein encoded by this gene is an alpha subunit of this complex and it interacts with a beta subunit to form the guanylate cyclase enzyme, which is activated by nitric oxide. Several transcript variants encoding a few different isoforms have been found for this gene.

Immunogen

Purified recombinant fragment of human GUCY1A3 (AA: 22-214) expressed in E. Coli.

Formulation

Purified antibody in PBS with 0.05% sodium azide

GUCY1A3 Antibody - Additional Information

Gene ID 2982

Other Names

Guanylate cyclase soluble subunit alpha-3, GCS-alpha-3, 4.6.1.2, GCS-alpha-1, Soluble guanylate cyclase large subunit, GUCY1A3, GUC1A3, GUCSA3, GUCY1A1

Dilution

E~~1/10000 WB~~1/500 - 1/2000 IF~~1/200 - 1/1000 FC~~1/200 - 1/400 IHC~~1/200 - 1/1000

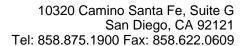
Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

GUCY1A3 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

GUCY1A3 Antibody - Protein Information





Name GUCY1A1 (HGNC:4685)

Cellular Location Cytoplasm.

Tissue Location

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

GUCY1A3 Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture