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Anti-GCYA3 Rabbit Monoclonal Antibody

Catalog # ABO16017

Product Information

Application	WB
Primary Accession	Q02108
Host	Rabbit
Isotype	IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid
Description	Anti-GCYA3 Rabbit Monoclonal Antibody . Tested in WB application. This antibody reacts with Human.

Additional Information

Gene ID	2982
Other Names	Guanylate cyclase soluble subunit alpha-1, GCS-alpha-1, 4.6.1.2, Guanylate cyclase soluble subunit alpha-3, GCS-alpha-3, Soluble guanylate cyclase large subunit, GUCY1A1 (HGNC:4685)
Calculated MW	77452
Application Details	WB 1:500-1:2000
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: 25G96
Immunogen	A synthesized peptide derived from human GCYA3
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

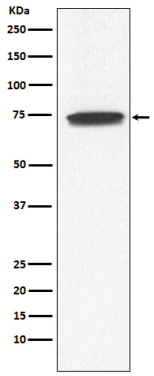
Name	GUCY1A1 (HGNC:4685)
Function	Alpha subunit of soluble guanylate cyclase (sGC), a key enzyme in nitric oxide (NO) signaling. sGC functions as a heterodimer consisting of one alpha and one beta subunit. It serves as the primary intracellular receptor for NO, which binds to a heme prosthetic group located on the beta subunit. Upon

NO binding, sGC catalyzes the conversion of GTP into cyclic GMP (cGMP), thereby transmitting the NO signal into an ubiquitous intracellular second messenger.

Cellular Location Cytoplasm.

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

Images



Western blot analysis of GCYA3 expression in Human fetal kidney lysate.

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