10320 Camino Santa Fe, Suite G
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Anti-GNAI2 Rabbit Monoclonal Antibody

Catalog # ABO16401

Specification

Anti-GNAI2 Rabbit Monoclonal Antibody - Product Information

Application	**WB, IHC**
Primary Accession	P04899
Host	**Rabbit**
Isotype	**IgG**
Reactivity	**Rat, Human, Mouse**
Clonality	**Monoclonal**
Format	**Liquid**

Description
Anti-GNAI2 Rabbit Monoclonal Antibody . Tested in WB, IHC applications. This antibody reacts with Human, Mouse, Rat.

Anti-GNAI2 Rabbit Monoclonal Antibody - Additional Information

Gene ID 2771

Other Names
Guanine nucleotide-binding protein G(i) subunit alpha-2, Adenylate cyclase-inhibiting G alpha protein, GNAI2, GNAI2B

Calculated MW
40 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 GNAI2

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-GNAI2 Rabbit Monoclonal Antibody - Protein Information

Name GNAI2

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Synonyms GNAI2B

Function
Guanine nucleotide-binding proteins (G proteins) are involved as modulators or transducers in various transmembrane signaling systems. The G(i) proteins are involved in hormonal regulation of adenylate cyclase: they inhibit the cyclase in response to beta- adrenergic stimuli. May play a role in cell division.

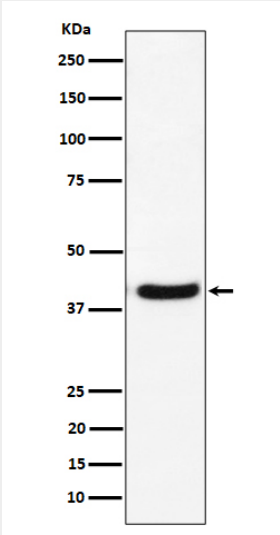
Cellular Location
Cytoplasm. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Cell membrane. Membrane; Lipid-anchor. Note=Localizes in the centrosomes of interphase and mitotic cells. Detected at the cleavage furrow and/or the midbody

Anti-GNAI2 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 Cytomety
- Cell Culture

Anti-GNAI2 Rabbit Monoclonal Antibody - Images



Western blot analysis of GNAI2 expression in U-87 MG cell lysate.