



GNAI2 mouse mAb

Catalog No	YP-mAb-07954
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	GNAI2 GNAI2B
Immunogen	Synthesized peptide derived from human GNAI2 AA range: 274-324
Specificity	This antibody detects endogenous levels of GNAI2 at Human/Mouse/Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.68% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	H_LUCA16.1;H_LUCA15.1;Guanine nucleotide-binding protein G(i) subunit alpha-2;GNAI2B;GIP;GNAI2;GNAI2 GNAI2B;Guanine nucleotide-binding protein G(i) subunit alpha-2 (Adenylate cyclase-inhibiting G alpha protein)
Observed Band	38kD
Calculated Molecular Weight	38kD
Cell Pathway	Cytoplasm . Cytoplasm, cytoskeleton, microtubule organizing center, centrosome . Cell membrane . Membrane ; Lipid-anchor . Localizes in the centrosomes of interphase and mitotic cells. Detected at the cleavage furrow and/or the midbody.
Tissue Specificity	Brain,Cerebellum,Kidney,Lung,Mammary gland,Testis,
Function	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.,similarity:Belongs to the G-alpha family. G(i/o/t/z) subfamily.,subunit:G proteins are composed of 3 units; alpha, beta and gamma. The alpha chain contains the guanine nucleotide binding site. Interacts with GPSM1 (By similarity). Interacts with UNC5B.,



Background

The protein encoded by this gene is an alpha subunit of guanine nucleotide binding proteins (G proteins). The encoded protein contains the guanine nucleotide binding site and is involved in the hormonal regulation of adenylate cyclase. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2013],

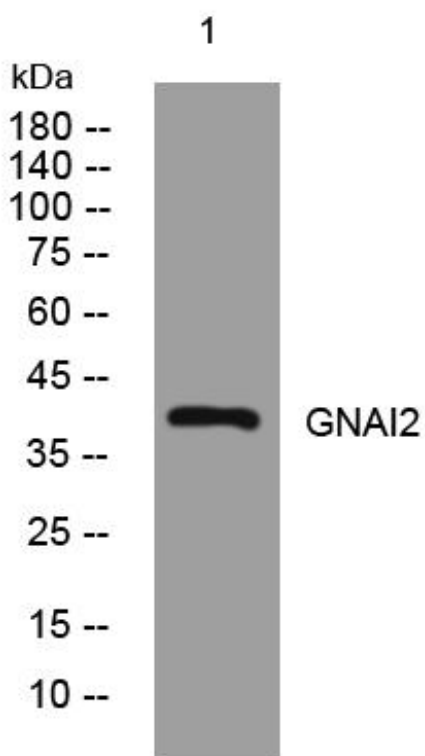
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using GNAI2 mouse mAb