



Gα i-3 Polyclonal Antibody

Catalog No	BYab-16172
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;ELISA
Gene Name	GNAI3
Protein Name	Guanine nucleotide-binding protein G(k) subunit alpha
Immunogen	The antiserum was produced against synthesized peptide derived from human GNAI3. AA range:31-80
Specificity	Gα i-3 Polyclonal Antibody detects endogenous levels of Gα i-3 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	GNAI3; Guanine nucleotide-binding protein G(k) subunit alpha; G(i) alpha-3
Observed Band	41kD
Cell Pathway	Cytoplasm . Cell membrane ; Lipid-anchor . Cytoplasm, cytoskeleton, microtubule organizing center, centrosome . Localizes in the centrosomes of interphase and mitotic cells. Detected at the cleavage furrow and/or the midbody. .
Tissue Specificity	Liver,
Function	function:Guanine nucleotide-binding proteins (G proteins) are involved as modulators or transducers in various transmembrane signaling systems. G(k) is the stimulatory G protein of receptor-regulated K(+) channels.,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.,
Background	Guanine nucleotide-binding proteins (G proteins) are involved as modulators or transducers in various transmembrane signaling pathways. G proteins are composed of 3 units: alpha, beta and gamma. This gene encodes an alpha

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subunit and belongs to the G-alpha family. Mutation in this gene, resulting in a gly40-to-arg substitution, is associated with auriculocondylar syndrome, and shown to affect downstream targets in the G protein-coupled endothelin receptor pathway. [provided by RefSeq, Jun 2012],

matters needing attention

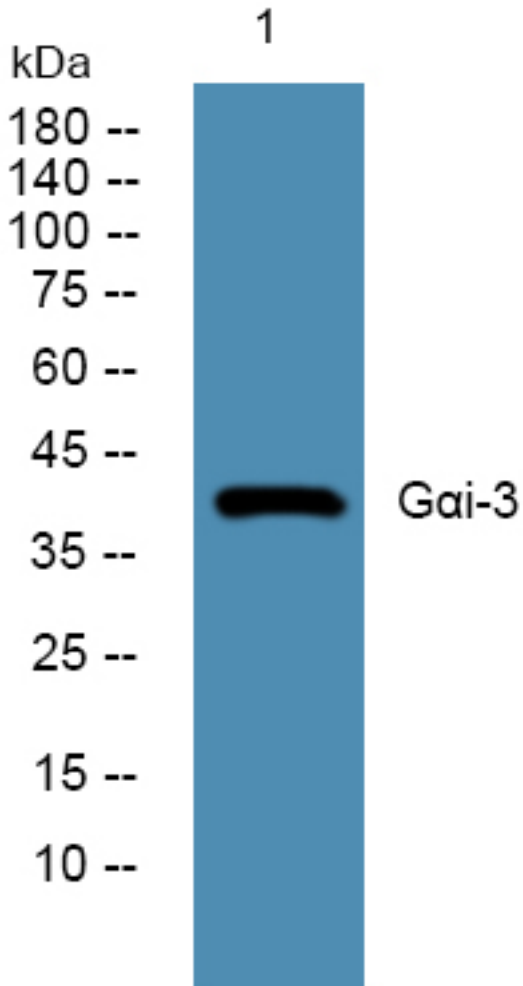
Avoid repeated freezing and thawing!

Usage suggestions

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



Products Images



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