



G α 14 Monoclonal Antibody

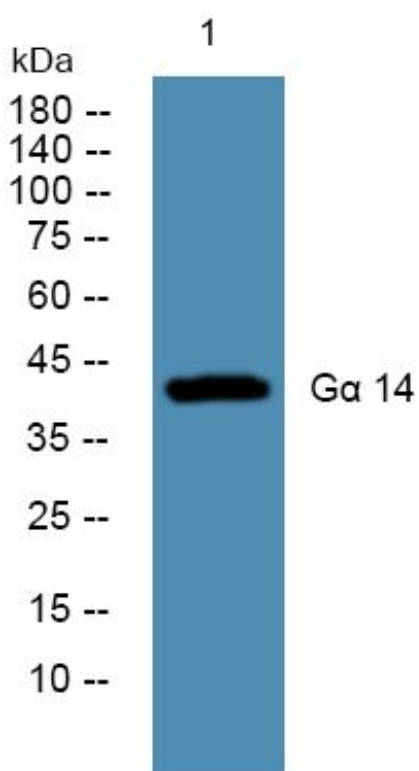
Catalog No	YP-mAb-16171
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	GNA14
Protein Name	Guanine nucleotide-binding protein subunit alpha-14
Immunogen	The antiserum was produced against synthesized peptide derived from human GNA14. AA range:1-50
Specificity	G α 14 Monoclonal Antibody detects endogenous levels of G α 14 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% 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	GNA14; Guanine nucleotide-binding protein subunit alpha-14; G alpha-14; G-protein subunit alpha-14
Observed Band	42kD
Cell Pathway	heterotrimeric G-protein complex,plasma membrane,extracellular exosome,
Tissue Specificity	Caudate nucleus,Pancreas,Spleen,
Function	function:Guanine nucleotide-binding proteins (G proteins) are involved as modulators or transducers in various transmembrane signaling systems.,similarity:Belongs to the G-alpha family. G(q) subfamily.,subunit:G proteins are composed of 3 units; alpha, beta and gamma. The alpha chain contains the guanine nucleotide binding site.,
Background	This gene encodes a member of the guanine nucleotide-binding, or G protein family. G proteins are heterotrimers consisting of alpha, beta and gamma subunits. The encoded protein is a member of the alpha family of G proteins, more specifically the alpha q subfamily of G proteins. The encoded protein may play a role in pertussis-toxin resistant activation of phospholipase C-beta and its downstream effectors.[provided by RefSeq, Feb 2009],

**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 Gα 14 Monoclonal Antibody