



Gα 14 Polyclonal Antibody

Catalog No	YP-Ab-16171
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;ELISA
Gene Name	GNA14
Immunogen	The antiserum was produced against synthesized peptide derived from human GNA14. AA range:1-50
Specificity	Gα 14 Polyclonal Antibody detects endogenous levels of Gα 14 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	AU2328;g alpha 14;G alpha-14;G protein alpha subunit 14;G protein subunit alpha 14;G-protein subunit alpha-14;gna14;GNA14_HUMAN;Guanine nucleotide binding protein (G protein) alpha 14;Guanine nucleotide binding protein 14;Guanine nucleotide binding protein alpha 14 subunit;Guanine nucleotide binding protein subunit alpha 14;Guanine nucleotide-binding protein subunit alpha-14;MGC15546;OTTHUMP21515;Tieg3;Gα 14
Observed Band	42kD
Calculated Molecular Weight	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],

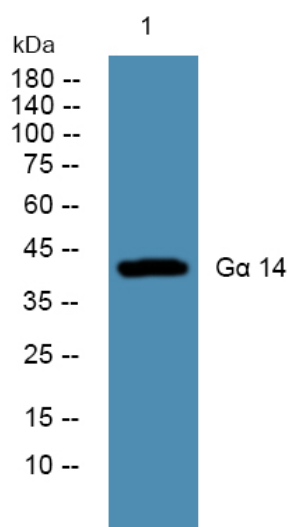
matters needing attention

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 lysates from KB cells, primary antibody was diluted at 1:1000, 4° over night