Product Name: Gγ 5 Rabbit Polyclonal Antibody
Catalog #: APRab11869

Summary

Production Name	Gγ 5 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	IF,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	GNG5
Alternative Names	GNG5; GNGT5; Guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-5
Gene ID	2787.0
SwissProt ID	P63218.The antiserum was produced against synthesized peptide derived from human GNG5. AA range:10-59

Application

Dilution Ratio	IF 1:200-1:1000. ELISA: 1:20000.
Molecular Weight	

Background

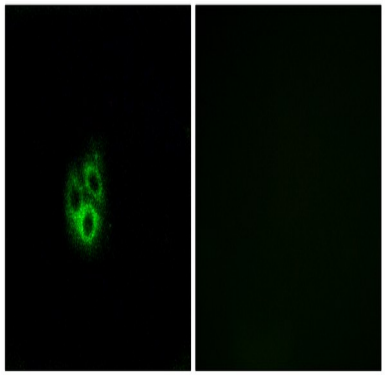
G protein subunit gamma 5(GNG5) Homo sapiens G proteins are trimeric (alpha-beta-gamma) membrane-associated

proteins that regulate flow of information from cell surface receptors to a variety of internal metabolic effectors. Interaction of a G protein with its activated receptor promotes exchange of GTP for GDP that is bound to the alpha subunit. The alpha-GTP complex dissociates from the beta-gamma heterodimer so that the subunits, in turn, may interact with and regulate effector molecules (Gilman, 1987 [PubMed 3113327]; summary by Ahmad et al., 1995) [PubMed 7606925].[supplied by OMIM, Nov 2010],function:Guanine nucleotide-binding proteins (G proteins) are involved as a modulator or transducer in various transmembrane signaling systems. The beta and gamma chains are required for the GTPase activity, for replacement of GDP by GTP, and for G protein-effector interaction.,similarity:Belongs to the G protein gamma family.,subunit:G proteins are composed of 3 units, alpha, beta and gamma.,

Research Area

Chemokine;

Image Data



Immunofluorescence analysis of A549 cells, using GNG5 Antibody. The picture on the right is blocked with the synthesized peptide.

Note

For research use only.