Gγ 5 rabbit pAb

Cat#: orb768444 (Manual)

For research use only. Not intended for diagnostic use.

Product Name	Gγ 5 rabbit pAb
Host species	Rabbit
Applications	IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human GNG5. AA range:10-59
Specificity	Gγ 5 Polyclonal Antibody detects endogenous levels of Gγ 5 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-5
Gene Name	GNG5
Cellular localization	Cell membrane ; Lipid-anchor ; Cytoplasmic side .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

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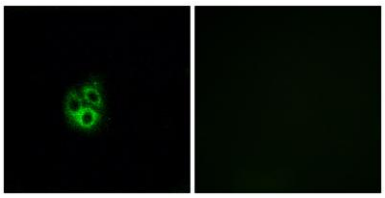
Concentration	1 mg/ml
Observed band	
Human Gene ID	2787
Human Swiss-Prot Number	P63218
Alternative Names	GNG5; GNGT5; Guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-5
Background	G protein subunit gamma 5(GNG5) Homo sapiens G proteins are trimeric (alpha-beta-gamma) membrane-associated 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],



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

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