10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

G gamma12 Rabbit pAb

Catalog # AP99392

Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	Q9UBI6
Other Accession	Q9UBI6
Predicted	Rat, Pig, Human, Mouse, Dog, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	8006
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human G gamma12
Epitope Specificity	25-55/72
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the G protein gamma family.
SUBUNIT	G proteins are composed of 3 units, alpha, beta and gamma.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	G gamma12 has signal transducer activity in G-protein coupled receptor protein signaling pathway.

Additional Information

Gene ID	55970
Other Names	HG3A; 2010305F15Rik; GBG12_HUMAN; GNG12; Q544P3_MOUSE; GBG12_MOUSE; G protein subunit gamma 12; guanine nucleotide binding protein (G protein), gamma 12
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	GNG12
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.
Cellular Location	Cell membrane; Lipid-anchor; Cytoplasmic side

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.