

C3G (phospho Tyr504) Polyclonal Antibody

Catalog No: #14033

Package Size: #14033-1 50ul #14033-2 100ul

Description

Product Name	C3G (phospho Tyr504) Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB,IHC-p,IF(paraffin section),ELISA
Species Reactivity	Human
Specificity	Phospho-C3G (Y504) Polyclonal Antibody detects endogenous levels of C3G protein only when phosphorylated at Y504.
Immunogen Description	The antiserum was produced against synthesized peptide derived from human RapGEF1 around the phosphorylation site of Tyr504. AA range:470-519
Conjugates	Unconjugated
Other Names	RAPGEF1; GRF2; Rap guanine nucleotide exchange factor 1; CRK SH3-binding GNRP; Guanine nucleotide-releasing factor 2; Protein C3G
Accession No.	Swiss Prot:Q13905GeneID:2889
SDS-PAGE MW	120
Concentration	1 mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	-20°C/1

Application Details

Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.

Background

Rap guanine nucleotide exchange factor 1(RAPGEF1) Homo sapiens This gene encodes a human guanine nucleotide exchange factor. It transduces signals from CRK by binding the SH3 domain of CRK, and activating several members of the Ras family of GTPases. This signaling cascade that may be involved in apoptosis, integrin-mediated signal transduction, and cell transformation. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some variants has not been determined. [provided by RefSeq, Jul 2008],

Note: This product is for in vitro research use only and is not intended for use in humans or animals.