



# C3G rabbit pAb

Cat No.:ES5633

For research use only

## Overview

<b>Product Name</b>	C3G rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	IHC;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Rat;Mouse;
<b>Recommended dilutions</b>	Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human RAPGEF1. AA range:470-519
<b>Specificity</b>	C3G Polyclonal Antibody detects endogenous levels of C3G protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Rap guanine nucleotide exchange factor 1
<b>Gene Name</b>	RAPGEF1
<b>Cellular localization</b>	Early endosome .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	
<b>Human Gene ID</b>	2889
<b>Human Swiss-Prot Number</b>	Q13905
<b>Alternative Names</b>	RAPGEF1; GRF2; Rap guanine nucleotide exchange factor 1; CRK SH3-binding GNRP; Guanine nucleotide-releasing factor 2; Protein C3G
<b>Background</b>	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,

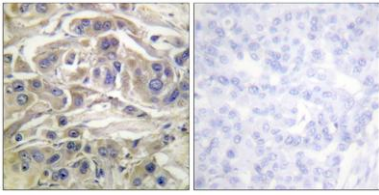




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integrin-mediated signal transduction, and cell transformation. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some variants has not been determined. [provided by RefSeq, Jul 2008],

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using RapGEF1 Antibody. The picture on the right is blocked with the synthesized peptide.



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