

Repac Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP07753
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human RAPGEF5. AA range:431-480
Mol wt	67733
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Repac Antibody
Synonyms	RAPGEF5; GFR; KIAA0277; MRGEF; Rap guanine nucleotide exchange factor 5; Guanine nucleotide exchange factor for Rap1; M-Ras-regulated Rap GEF; MR-GEF; Related to Epac; Repac

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

Members of the RAS (see HRAS; MIM 190020) subfamily of GTPases function in signal transduction as GTP/GDP-regulated switches that cycle between inactive GDP- and active GTP-bound states. Guanine nucleotide exchange factors (GEFs), such as RAPGEF5 (Rap guanine nucleotide exchange factor 5), serve as RAS activators by promoting acquisition of GTP to maintain the active GTP-bound state and are the key link between cell surface receptors and RAS activation.

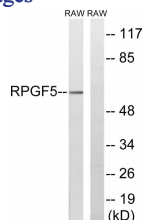
Recommended Dilution

WB: 1: 500 - 1: 2000

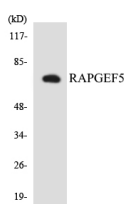
ELISA: 1: 20000

Not yet tested in other applications.

Images



Western blot analysis of lysates from RAW264.7 cells, using RAPGEF5 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from COLO205 cells using RAPGEF5 antibody.

Storage

-20°C for one year

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