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

RAP2B antibody - C-terminal region

Rabbit Polyclonal Antibody
Catalog # AI15096

Product Information

Application	WB
Primary Accession	P61225
Other Accession	NM_002886, NP_002877
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Dog, Guinea Pig, Bovine, Yeast
Predicted	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Bovine, Yeast
Host	Rabbit
Clonality	Polyclonal
Calculated MW	20504

Additional Information

Gene ID	5912
Alias Symbol	MGC20484
Other Names	Ras-related protein Rap-2b, RAP2B
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-RAP2B antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	RAP2B antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

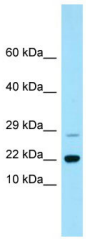
Protein Information

Name	RAP2B
Function	Small GTP-binding protein which cycles between a GDP-bound inactive and a GTP-bound active form. Involved in EGFR and CHRM3 signaling pathways through stimulation of PLCE1. May play a role in cytoskeletal rearrangements and regulate cell spreading through activation of the effector TNIK. May regulate membrane vesiculation in red blood cells.
Cellular Location	Recycling endosome membrane; Lipid-anchor; Cytoplasmic side. Note=Associated with red blood cells- released vesicles
Tissue Location	Expressed in red blood cells (at protein level).

References

Farrell F.X.,et al.Nucleic Acids Res. 18:4281-4281(1990).
Ohmstede C.A.,et al.Proc. Natl. Acad. Sci. U.S.A. 87:6527-6531(1990).
Puhl H.L. III,et al.Submitted (MAR-2002) to the EMBL/GenBank/DDBJ databases.
Farrell F.X.,et al.Biochem. J. 289:349-355(1993).
Evellin S.,et al.J. Biol. Chem. 277:16805-16813(2002).

Images



WB Suggested Anti-RAP2B Antibody Titration: 1.0 µg/ml
Positive Control: Fetal Liver

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