

# Anti-RAP2B Antibody

Rabbit polyclonal antibody to RAP2B  
Catalog # AP60911

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">P61225</a>
<b>Other Accession</b>	<a href="#">P61226</a>
<b>Reactivity</b>	Human, Mouse, Rat, Pig
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	20504

## Additional Information

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<b>Gene ID</b>	5912
<b>Other Names</b>	Ras-related protein Rap-2b
<b>Target/Specificity</b>	Recognizes endogenous levels of RAP2B protein.
<b>Dilution</b>	WB--WB (1/500 - 1/1000)
<b>Format</b>	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.
<b>Storage</b>	Store at -20 °C. Stable for 12 months from date of receipt

## Protein Information

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<b>Name</b>	RAP2B
<b>Function</b>	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.
<b>Cellular Location</b>	Recycling endosome membrane; Lipid-anchor; Cytoplasmic side. Note=Associated with red blood cells- released vesicles
<b>Tissue Location</b>	Expressed in red blood cells (at protein level).

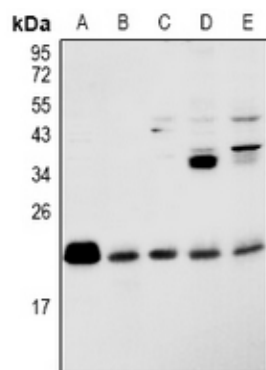
## Background

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KLH-conjugated synthetic peptide encompassing a sequence within the center region of human RAP2B. The exact sequence is proprietary.

## Images

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Western blot analysis of RAP2B expression in K562 (A), Jurkat (B), THP1 (C), BV2 (D), PMVEC (E) whole cell lysates.

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