

Datasheet for ABIN2789814
anti-RAP2B antibody (C-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	RAP2B
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Guinea Pig, Rabbit, Cow, Dog, Saccharomyces cerevisiae, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RAP2B antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	YERVPMILVG NKVDLEGERE VSYGEGKALA EEWSCPFMET SAKNKASVDE
Predicted Reactivity:	Cow: 93%, Dog: 100%, Guinea Pig: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Yeast: 79%, Zebrafish: 93%
Characteristics:	This is a rabbit polyclonal antibody against RAP2B. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	RAP2B
Alternative Name:	RAP2B (RAP2B Products)

Target Details

Background: This intronless gene belongs to a family of RAS-related genes. The proteins encoded by these genes share approximately 50 % amino acid identity with the classical RAS proteins and have numerous structural features in common. The most striking difference between the RAP and RAS proteins resides in their 61st amino acid: glutamine in RAS is replaced by threonine in RAP proteins. Evidence suggests that this protein may be polyisoprenylated and palmitoylated.

Alias Symbols: MGC20484

Protein Interaction Partner: CAMK2B, RASSF5, RUNDC3A, FN1, VCAM1, UBC, ITGA4, MME, RAPGEF2, RAPGEF5, PDE6D, RALGDS, RALA,

Protein Size: 183

Molecular Weight: 20 kDa

Gene ID: 5912

NCBI Accession: [NM_002886](#), [NP_002877](#)

UniProt: [P61225](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 183 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

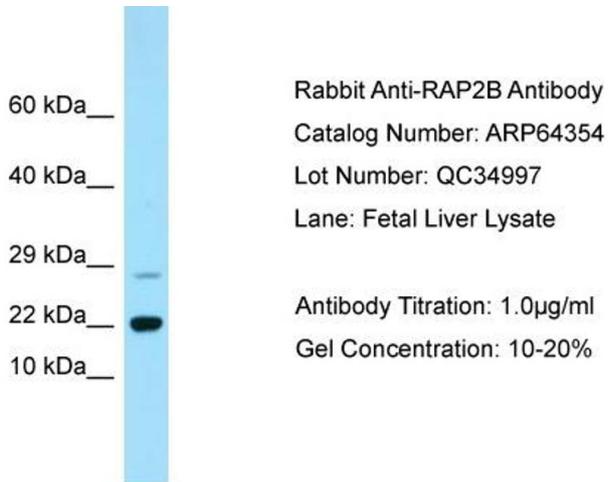
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1.