

Datasheet for ABIN2774388
anti-RAP2A antibody (N-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	RAP2A
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Horse, Cow, Guinea Pig, Rabbit, Sheep, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RAP2A antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	KYDPTIEDFY RKEIEVDSSP SVLEILD TAG TEQFASMRDL YKNGQG FIL
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Sheep: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against RAP2A. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	RAP2A
Alternative Name:	RAP2A (RAP2A Products)
Background:	RAP2A is a small GTP-binding protein which cycles between a GDP-bound inactive and a GTP-

Target Details

bound active form. In its active form interacts with and regulates several effectors including MAP4K4, MINK1 and TNIK. Part of a signaling complex composed of NEDD4, RAP2A and TNIK which regulates neuronal dendrite extension and arborization during development. More generally, it is part of several signaling cascades and may regulate cytoskeletal rearrangements, cell migration, cell adhesion and cell spreading.

Alias Symbols: K-REV, KREV, RAP2, RbBP-30

Protein Interaction Partner: UBC, RPTOR, ELAVL1, RRP9, TM7SF2, PLG, SERPINA1, FTL, FKBP2, ENSA, EEF1A1, NEDD4, TNIK, RUNDC3A, GRIN1, RASIP1, RAPGEF5, RAPGEF6, ARHGAP29, RASSF5, MAP4K4, BMPR1B, GRIN2D, RGS14, RALGDS, SMAD1, TGFB1, RAP2A, RAF1, MLLT4, FNTB, ACVR1, RAPGEF4, RAPGEF3, RA

Protein Size: 183

Molecular Weight: 20 kDa

Gene ID: 5911

NCBI Accession: [NM_021033](#), [NP_066361](#)

UniProt: [P10114](#)

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

Handling

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.

Validation report #103540 for Western Blotting (WB)


90 kDa__

65 kDa__

40 kDa__

29 kDa__

22 kDa__



Rabbit Anti-RAP2A Antibody

Catalog Number: ARP64033

Lot Number: QC34750

Lane: Hela Cell Lysate

Antibody Titration: 1.0µg/ml

Gel Concentration: 12%

Western Blotting

Image 1.