

Datasheet for ABIN2786568  
**anti-RAP1B antibody (N-Term)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µL
Target:	RAP1B
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Horse, Zebrafish (Danio rerio), Rabbit, Guinea Pig, Goat, Dog, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RAP1B antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human RAP1B
Sequence:	MREYKLVVLG SGGVGKSALT VQFVQGIFVE KYDPTIEDSY RKQVEVDAQQ
Predicted Reactivity:	Cow: 100%, Dog: 100%, Goat: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against RAP1B. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	RAP1B
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## Target Details

Alternative Name:	RAP1B ( <a href="#">RAP1B Products</a> )
Background:	<p>RAP1B and RAP1A (MIM 179520) belong to a superfamily of RAS (see MIM 190020)-like small GTP-binding proteins involved in cell signaling. RAP1B and RAP1A (MIM 179520) belong to a superfamily of RAS (see MIM 190020)-like small GTP-binding proteins involved in cell signaling. [supplied by OMIM]. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications. PRIMARYREFSEQ_SPAN PRIMARY_IDENTIFIER PRIMARY_SPAN COMP 1-72 BG717530.1 20-91 73-172 BC000176.3 1-100 173-2026 BC000176.3 110-1963 2027-2117 AA809981.1 1-91 c</p> <p>Alias Symbols: DKFZp586H0723, K-REV, RAL1B</p> <p>Protein Interaction Partner: RASSF5, RPTOR, UBC, VCAM1, RGS2, RALGDS, RGL2, ITGA4, FN1, RAB7B, SMURF2, MOGS, MOV10, ILF2, APP, KRIT1, TP53, LRIF1, CSAD, SDF4, DDAH2, FAF1, CCT7, KMT2B, UNC119, ZNF135, TLE1, PKM, PDHB, CHGB, APLP1, ALAS1, A2M, PRKACA, RAPGEF1, HRAS, RAP1GAP,</p> <p>Protein Size: 184</p>
Molecular Weight:	21 kDa
Gene ID:	5908
NCBI Accession:	<a href="#">NM_001010942</a> , <a href="#">NP_001010942</a>
UniProt:	<a href="#">P61224</a>
Pathways:	<a href="#">CXCR4-mediated Signaling Events</a> , <a href="#">Signaling of Hepatocyte Growth Factor Receptor</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 184 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.

## Handling

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.

## Images



**Western Blotting**

**Image 1. WB Suggested Anti-RAP1B Antibody Titration:**  
0.2-1 ug/ml  
**ELISA Titer:** 1:1562500  
**Positive Control:** PANC1 cell lysate

**Western Blotting**

**Image 2. WB Suggested Anti-RAP1B**  
Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:1562500  
Positive Control: PANC1 cell lysate  
RAP1B is supported by BioGPS gene expression data to be expressed in PANC1