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anti-RAP1GAP antibody (Middle Region)

Images



Overview

overview .	
Quantity:	100 μL
Target:	RAP1GAP
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Guinea Pig, Horse, Dog, Rabbit, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)
Product Details	
Product Details	

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human RAP1GAP
Sequence:	IENIQEVQEK RESPPAGQKT PDSGHVSQEP KSENSSTQSS PEMPTTKNRA
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 86%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 86%
Characteristics:	This is a rabbit polyclonal antibody against RAP1GAP. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	RAP1GAP
Alternative Name:	RAP1GAP (RAP1GAP Products)

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Target Details		
Background:	RAP1GAP is the GTPase activator for the nuclear Ras-related regulatory protein RAP-1A (KREV	
	1), converting it to the putatively inactive GDP-bound state.	
	Alias Symbols: KIAA0474, RAP1GA1, rap1GAPII, RAPGAP, RAP1GAP1, RAP1GAPII	
	Protein Interaction Partner: FBXW11, BTRC, UBC, PLK1, EZH2, Dlg4, CNR1, MAP1LC3B, MAPK	
	DYNC1I1, CSNK1G2, ZBTB12, MEX3B, PRKACA, RALGDS, RAP1GAP, PFN2, BRAF, MLLT4,	
	GNAZ, CDK1, RAP1A, RAP1B,	
	Protein Size: 663	
Molecular Weight:	73 kDa	
Gene ID:	5909	
NCBI Accession:	NM_002885, NP_002876	
UniProt:	P47736	
Application Details		
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.	
Comment:	Antigen size: 663 AA	
Restrictions:	For Research Use only	
Handling		

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. WB Suggested Anti-RAP1GAP Antibody

Titration: 0.2-1 ug/ml ELISA Titer: 1:312500

Positive Control: 293T cell lysate

Western Blotting

Image 2. WB Suggested Anti-RAP1GAP

Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:.12500

Positive Control:.93T cell lysate

RAP1GAP is supported by BioGPS gene expression data to

be expressed in HEK293T