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Datasheet for ABIN6982932  
**anti-RAP1A antibody (AA 1-100) (Biotin)**

### Overview

Quantity:	100 µL
Target:	RAP1A
Binding Specificity:	AA 1-100
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RAP1A antibody is conjugated to Biotin
Application:	Western Blotting (WB)

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human RAP1A
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Dog,Cow,Sheep,Pig,Chicken,Rabbit
Purification:	Purified by Protein A.

### Target Details

Target:	RAP1A
Alternative Name:	RAP1A ( <a href="#">RAP1A Products</a> )
Background:	Synonyms: C21KG, RAP1, G 22K, G-22K, GTP binding protein smg p21A, GTP-binding protein

## Target Details

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smg p21A, KREV 1, KREV-1, KREV1, OTTHUMP00000013741, RAP 1A, RAP1, RAP1A, RAP1A member of RAS oncogene family, RAP1A\_HUMAN, Ras related protein Krev 1, Ras related protein Rap 1A, RAS related protein RAP1A, Ras-related protein Krev-1, Ras-related protein Rap-1A, SMGP21, rap1a, RAS-related protein-1a precursor, Rap1A-retro2, RAP1A, member of RAS oncogene family.

Background: Induces morphological reversion of a cell line transformed by a Ras oncogene. Counteracts the mitogenic function of Ras, at least partly because it can interact with Ras GAPs and RAF in a competitive manner. Together with ITGB1BP1, regulates KRIT1 localization to microtubules and membranes. Plays a role in nerve growth factor (NGF)-induced neurite outgrowth. Plays a role in the regulation of embryonic blood vessel formation. Involved in the establishment of basal endothelial barrier function. May be involved in the regulation of the vascular endothelial growth factor receptor KDR expression at endothelial cell-cell junctions.

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Gene ID: 5906

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UniProt: [P62834](#)

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Pathways: [TCR Signaling](#), [Neurotrophin Signaling Pathway](#), [Signaling of Hepatocyte Growth Factor Receptor](#)

## Application Details

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Application Notes: WB 1:300-5000

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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Preservative: ProClin

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

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Storage: -20 °C

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Storage Comment: Store at -20°C for 12 months.

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## Handling

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Expiry Date: 12 months