

Rap1A Rabbit pAb

Catalog No.: A23137

Basic Information

Observed MW

Refer to figures

Calculated MW

21kDa

Category

Primary antibody

Applications

ELISA

Cross-Reactivity

Mouse, Rat

Background

This gene encodes a member of the Ras family of small GTPases. The encoded protein undergoes a change in conformational state and activity, depending on whether it is bound to GTP or GDP. This protein is activated by several types of guanine nucleotide exchange factors (GEFs), and inactivated by two groups of GTPase-activating proteins (GAPs). The activation status of the encoded protein is therefore affected by the balance of intracellular levels of GEFs and GAPs. The encoded protein regulates signaling pathways that affect cell proliferation and adhesion, and may play a role in tumor malignancy. Pseudogenes of this gene have been defined on chromosomes 14 and 17. Alternative splicing results in multiple transcript variants.

Recommended Dilutions

ELISA

Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

5906

Swiss Prot

P62834

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

RAP1; C21KG; G-22K; KREV1; KREV-1; SMGP21; Rap1A

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.