

KD-Validated Anti-RAS p21 protein activator 1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody Catalog # AGI1397

Specification

KD-Validated Anti-RAS p21 protein activator 1 Rabbit Monoclonal Antibody - Product Information

Application WB
Primary Accession P20936

Reactivity Rat, Human, Mouse

Clonality Monoclonal Isotype Rabbit IgG

Calculated MW Predicted, 116 kDa, observed, 116 kDa

KDa

Gene Name

Aliases

RASA1

RASA1; RAS P21 Protein Activator 1;

P120GAP; GAP; Ras GTPase-Activating Protein 1; P120RASGAP; CM-AVM; P120; RASA; RAS P21 Protein Activator (GTPase Activating Protein) 1; P120 RAS GTPase

Activating Protein; Capillary

Malformation-Arteriovenous Malformation;

Triphosphatase-Activating Protein;

GTPase-Activating Protein; Ras P21 Protein Activator; CMAVM1; RASGAP; RasGAP;

CMAVM; PKWS

Immunogen A synthesized peptide derived from human

RASA1

KD-Validated Anti-RAS p21 protein activator 1 Rabbit Monoclonal Antibody - Additional Information

Gene ID **5921**

Other Names

Ras GTPase-activating protein 1, GAP, GTPase-activating protein, RasGAP, Ras p21 protein activator, p120GAP, RASA1, GAP, RASA

KD-Validated Anti-RAS p21 protein activator 1 Rabbit Monoclonal Antibody - Protein Information

Name RASA1

Synonyms GAP, RASA

Function

Inhibitory regulator of the Ras-cyclic AMP pathway. Stimulates the GTPase of normal but not oncogenic Ras p21; this stimulation may be further increased in the presence of NCK1.



Cellular Location Cytoplasm.

Tissue Location

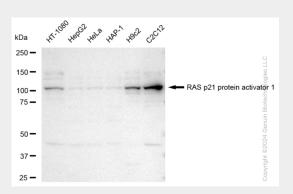
In placental villi, detected only in the trophoblast layer (cytotrophoblast and syncytiotrophoblast). Not detected in stromal, endothelial or Hofbauer cells (at protein level)

KD-Validated Anti-RAS p21 protein activator 1 Rabbit Monoclonal Antibody - Protocols

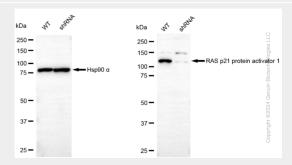
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

KD-Validated Anti-RAS p21 protein activator 1 Rabbit Monoclonal Antibody - Images



Western blotting analysis using anti-RAS p21 protein activator 1 antibody (Cat#AGI1397). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-RAS p21 protein activator 1 antibody (Cat#AGI1397, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-RAS p21 protein activator 1 antibody (Cat#AGI1397). RAS p21 protein activator 1 expression in wild type (WT) and RAS p21 protein activator 1 shRNA knockdown (KD) HT-1080 cells with 30 μg of total cell lysates. β -Tubulin serves as a loading control. The blot was incubated with anti-RAS p21 protein activator 1 antibody (Cat#AGI1397, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.