10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

# RASA1 Antibody

Rabbit mAb
Catalog # AP92746

## Product Information

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|---|---|
| **Application** | WB, IHC |
| **Primary Accession** | P20936 |
| **Reactivity** | Rat, Human |
| **Clonality** | Monoclonal |
| **Other Names** | CMAVM; GAP; p120GAP; p120RASGAP; PKWS; RASA; RASA1; RasGAP; |
| **Isotype** | Rabbit IgG |
| **Host** | Rabbit |
| **Calculated MW** | 116403 |

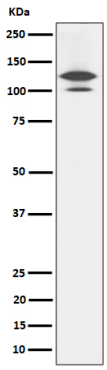
## Additional Information

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| **Dilution** | WB 1:500~1:2000 IHC 1:50~1:200 |
| **Purification** | Affinity-chromatography |
| **Immunogen** | A synthesized peptide derived from human RASA1 |
| **Description** | Inhibitory regulator of the Ras-cyclic AMP pathway. Stimulates the GTPase of normal but not oncogenic Ras p21. |
| **Storage Condition and Buffer** | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle. |

## Protein Information

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| **Name** | RASA1 ( HGNC:9871) |
| **Synonyms** | GAP, RASA |
| **Function** | GTPase-activating protein (GAP) that stimulates the intrinsic GTPase activity of Ras proteins, such as NRAS, facilitating their transition from the active GTP-bound state to the inactive GDP-bound state, thereby terminating Ras signaling. |
| **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) |

## Images




Western blot analysis of RASA1 expression in Rat brain cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.