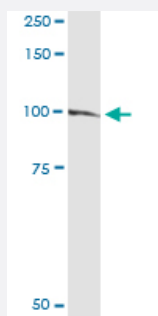


RASA1 (Human) IP-WB Antibody Pair

Catalog # H00005921-PW2

Size 1 Set

Applications



Immunoprecipitation of RASA1 transfected lysate using rabbit polyclonal anti-RASA1 and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with mouse purified polyclonal anti-RASA1.

Specification

Product Description	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
Reactivity	Human
Quality Control Testing	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of RASA1 transfected lysate using rabbit polyclonal anti-RASA1 and Protein A Magnetic Bead (U0007), and immunoblotted with mouse purified polyclonal anti-RASA1.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: rabbit polyclonal anti-RASA1 (300 ul) 2. Antibody pair for WB: mouse purified polyclonal anti-RASA1 (50 ug)
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- Immunoprecipitation-Western Blot

[Protocol Download](#)

Gene Info — RASA1

Entrez GeneID	5921
Gene Name	RASA1
Gene Alias	CM-AVM, CMAVM, DKFZp434N071, GAP, PKWS, RASA, RASGAP, p120GAP, p120RASGA P
Gene Description	RAS p21 protein activator (GTPase activating protein) 1
Omim ID	139150 608354 608355
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is located in the cytoplasm and is part of the GAP1 family of GTPase-activating proteins. The gene product stimulates the GTPase activity of normal RAS p21 but not its oncogenic counterpart. Acting as a suppressor of RAS function, the protein enhances the weak intrinsic GTPase activity of RAS proteins resulting in the inactive GDP-bound form of RAS, thereby allowing control of cellular proliferation and differentiation. Mutations leading to changes in the binding sites of either protein are associated with basal cell carcinomas. Alternative splicing results in two isoforms where the shorter isoform, lacking the N-terminal hydrophobic region but retaining the same activity, appears to be abundantly expressed in placental but not adult tissues. [provided by RefSeq]
Other Designations	GTPase activating protein RAS p21 protein activator 1 triphosphatase-activating protein

Pathway

- [Axon guidance](#)
- [MAPK signaling pathway](#)

Disease

- [Adenoma](#)
- [Carcinoma](#)
- [Chromosome Aberrations](#)
- [Hypertension](#)
- [Leukemia](#)
- [Lung Neoplasms](#)

- [Nasopharyngeal Neoplasms](#)
- [Pre-Eclampsia](#)
- [Pregnancy Complications](#)
- [Recurrence](#)
- [Thyroid Neoplasms](#)