

**DATASHEET**

**RASA1 Rabbit Polyclonal Antibody**

CAT. NO. APA16670

**KEY FEATURES**

Target	RASA1	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

**BACKGROUND**

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.

**APPLICATION**

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
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\*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

**PRODUCT OVERVIEW**

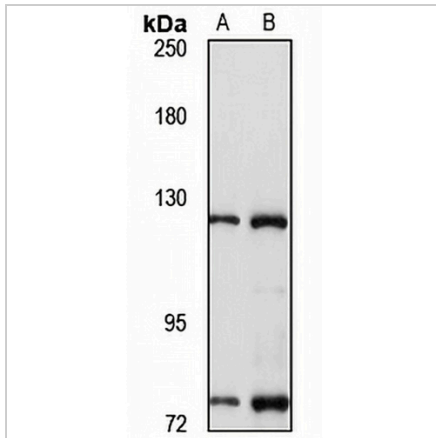
Description	Rabbit polyclonal antibody to RASA1
Specificity	Recognizes endogenous levels of RASA1 protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human RASA1. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 58; Observed: 125 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	GAP; RASA; Ras GTPase-activating protein 1; GAP; GTPase-activating protein; RasGAP; Ras p21 protein activator; p120GAP
Gene Symbol	RASA1
Entrez Gene	5921(Human); 25676(Rat)
SwissProt	P20936(Human); P50904(Rat)

\*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact [info@arexbio.com](mailto:info@arexbio.com) or your local distributor.

\*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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**DATA**

Western blot analysis of RASA1 expression in mouse testis (A), rat testis (B) whole cell lysates. (Predicted band size: 58; 100; 101; 116 kD; Observed band size: 125 kD)

**STORAGE**

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

**NOTE**

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.