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Datasheet for ABIN913051

anti-RASA2 antibody (AA 765-849) (Alexa Fluor 488)

Overview

Quantity:	100 µL
Target:	RASA2
Binding Specificity:	AA 765-849
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RASA2 antibody is conjugated to Alexa Fluor 488
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human RASGAP
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Sheep, Horse, Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	RASA2
Alternative Name:	RASA2 (RASA2 Products)
Background:	Synonyms: GAP1M, GTPase activating protein of RAS, Ras GTPase activating protein 2, Ras

Target Details

GTPase-activating protein 2, RAS p21 protein activator 2, RASA2, RASA2_HUMAN, RASGAP.

Background: The protein encoded by this gene is member 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. This particular family member has a perinuclear localization and is an inositol 1,3,4,5-tetrakisphosphate-binding protein, a compound suggested to function as a second messenger. [provided by RefSeq, Jul 2008].

Gene ID: 8826

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months