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Datasheet for ABIN763475  
**anti-RASA2 antibody (AA 765-849) (HRP)**

### Overview

Quantity:	100 µL
Target:	RASA2
Binding Specificity:	AA 765-849
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RASA2 antibody is conjugated to HRP
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

### 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 ( <a href="#">RASA2 Products</a> )
Background:	Synonyms: GAP1M, GTPase activating protein of RAS, Ras GTPase activating protein 2, Ras

## Target Details

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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].

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Gene ID: 8826

## Application Details

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Application Notes: WB 1:300-5000  
IHC-P 1:200-400  
IHC-F 1:100-500

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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

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Preservative: ProClin

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

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Handling Advice: Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.

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Storage: -20 °C

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

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Expiry Date: 12 months