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Datasheet for ABIN2559498

## anti-Ras Protein-Specific Guanine Nucleotide-Releasing Factor 2 (RASGRF2) (AA 20-120) antibody (HRP)

### Overview

Quantity:	100 µL
Target:	Ras Protein-Specific Guanine Nucleotide-Releasing Factor 2 (RASGRF2)
Binding Specificity:	AA 20-120
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	HRP
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human GRF2
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Cow,Sheep
Purification:	Purified by Protein A.

### Target Details

Target:	Ras Protein-Specific Guanine Nucleotide-Releasing Factor 2 (RASGRF2)
Alternative Name:	GRF2 ( <a href="#">RASGRF2 Products</a> )

## Target Details

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Background: Synonyms: GRF2, RAS-GRF2, Ras-specific guanine nucleotide-releasing factor 2, Ras guanine nucleotide exchange factor 2, RASGRF2

Background: Functions as a calcium-regulated nucleotide exchange factor activating both Ras and RAC1 through the exchange of bound GDP for GTP. Preferentially activates HRAS in vivo compared to RRAS based on their different types of prenylation. Functions in synaptic plasticity by contributing to the induction of long term potentiation.

Gene ID: 5924

UniProt: [O14827](#)

Pathways: [Neurotrophin Signaling Pathway](#)

## Application Details

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

Restrictions: For Research Use only

## Handling

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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.

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

Storage: -20 °C

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

Expiry Date: 12 months