

For Research Use Only

# RASAL2 Polyclonal antibody

Catalog Number: 22140-1-AP

Featured Product

1 Publications



## Basic Information

<b>Catalog Number:</b> 22140-1-AP	<b>GenBank Accession Number:</b> BC110611	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 800 µg/ml by Nanodrop and 453 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 9462	<b>Recommended Dilutions:</b> WB 1:500-1:3000 IF 1:50-1:500
<b>Source:</b> Rabbit	<b>Full Name:</b> RAS protein activator like 2	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 1262 aa, 142 kDa	
<b>Immunogen Catalog Number:</b> AG17555	<b>Observed MW:</b> 140-150 kDa	

## Applications

<b>Tested Applications:</b> IF, WB, ELISA	<b>Positive Controls:</b>
<b>Cited Applications:</b> WB	<b>WB:</b> HeLa cells,
<b>Species Specificity:</b> human	<b>IF:</b> HeLa cells,
<b>Cited Species:</b> mouse	

## Background Information

RASAL2 (Ras protein activator like 2), also known as nGAP, is a Ras GTPase-activating protein, containing a GRD domain and a coiled-coil structure at the C terminus. It is able to complement the defective RasGAP function in a yeast system. RASAL2 is highly homologous to Ras-specific GTPase activating proteins (RasGAPs). Two transcript variants exist for RASAL2 due to alternative splicing events.

## Notable Publications

Author	Pubmed ID	Journal	Application
Xiaoqiang Zhu	28580280	Mol Metab	WB

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

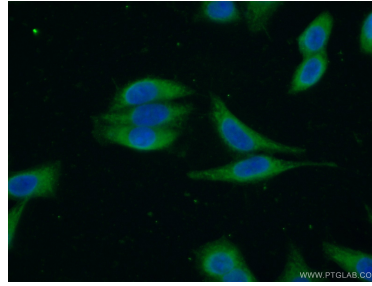
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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## Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 22140-1-AP (RASAL2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using 22140-1-AP (RASAL2 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).