

Nur für Forschungszwecke

# RASIP1 Polyklonaler Antikörper

Katalog-Nr.: 26064-1-AP



## Allgemeine Informationen

<b>Katalog-Nr.:</b> 26064-1-AP	<b>GenBank-Zugangsnummer:</b> BC021860	<b>Reinigungsmethode:</b> Antigen-Affinitätsreinigung
<b>Größe:</b> 150ul, Konzentration: 300 µg/ml von Nanodrop und 233 µg/ml durch die Bradford-Methode mit BSA als Standard;	<b>GeneID (NCBI):</b> 54922	<b>Empfohlene Verdünnungen:</b> WB 1:200-1:1000 IHC 1:50-1:500 IF 1:10-1:100
<b>Wirt:</b> Kaninchen	<b>Vollständiger Name:</b> Ras interacting protein 1	
<b>Isotyp:</b> IgG	<b>Berechnete Masse:</b> 963 aa, 103 kDa	
<b>Immunogen Katalognummer:</b> AG22036	<b>Beobachtete Masse:</b> 115 kDa	

## Anwendungen

<b>Geprüfte Anwendungen:</b> IF, IHC, WB, ELISA	<b>Positivkontrollen:</b> WB : Mauslungengewebe, NIH/3T3-Zellen IHC : humanes Herzgewebe, humanes Lungengewebe IF : HepG2-Zellen,
<b>Getestete Reaktivität:</b> Human, Maus, Ratte	
<b>Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.</b>	

## Hintergrundinformationen

RASIP1, also named as Ras-interacting protein 1 or Rain, is a 963 amino acid protein, which contains one dilute domain and one Ras-associating domain. RASIP1 is highly expressed in heart and detected at lower levels in placenta and pancreas. RASIP1 is required for the proper formation of vascular structures that develop via both vasculogenesis and angiogenesis. RASIP1 acts as a critical and vascular-specific regulator of GTPase signaling, cell architecture, and adhesion, which is essential for endothelial cell morphogenesis and blood vessel tubulogenesis.

## Lagerung

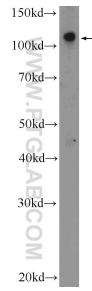
**Lagerungsbedingungen:**  
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil  
**Lagerungspuffer:**  
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.  
Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

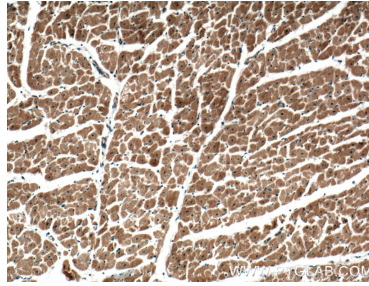
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

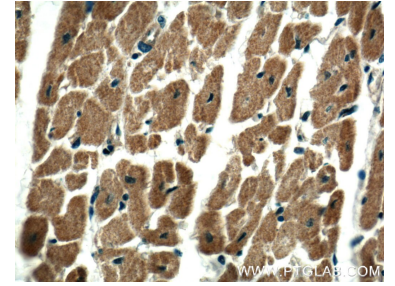
## Ausgewählte Validierungsdaten



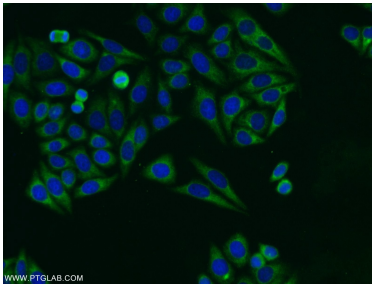
mouse lung tissue were subjected to SDS PAGE followed by western blot with 26064-1-AP (RASIP1 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human heart tissue slide using 26064-1-AP (RASIP1 Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human heart tissue slide using 26064-1-AP (RASIP1 Antibody) at dilution of 1:200 (under 40x lens).



Immunofluorescent analysis of HepG2 cells using 26064-1-AP (RASIP1 antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).