

Nur für Forschungszwecke

# RAB3IP Polyklonaler Antikörper

Katalog-Nr.:12321-1-AP

Vorgestelltes Produkt

15 Publikationen



## Allgemeine Informationen

<b>Katalog-Nr.:</b> 12321-1-AP	<b>GenBank-Zugangsnummer:</b> BC015548	<b>Reinigungsmethode:</b> Antigen-Affinitätsreinigung
<b>Größe:</b> 150ul , Konzentration: 800 µg/ml von Nanodrop;	<b>GeneID (NCBI):</b> 117177	<b>Empfohlene Verdünnungen:</b> WB 1:500-1:3000 IP 0.5-4.0 ug für IP und 1:500-1:2000 für WB
<b>Wirt:</b> Kaninchen	<b>Vollständiger Name:</b> RAB3A interacting protein (rabin3)	<b>IHC 1:50-1:500</b> <b>IF 1:50-1:500</b>
<b>Isotyp:</b> IgG	<b>Berechnete Masse:</b> 476 aa, 53 kDa	
<b>Immunogen Katalognummer:</b> AG2974	<b>Beobachtete Masse:</b> 53/51/43 kDa	

## Anwendungen

### Geprüfte Anwendungen:

IF, IHC, IP, WB, ELISA

### In Publikationen genannte Anwendungen:

IF, IP, WB

### Getestete Reaktivität:

Human, Maus, Ratte

### Zitierte Arten:

Human, Hund, Maus, Ratte

### Positivkontrollen:

**WB** : Maushirngewebe, humanes Herzgewebe, humanes Hirngewebe, Mausherzgewebe, Mauslungengewebe, Rattenhirngewebe

**IP** : Mauslungengewebe,

**IHC** : humanes Magenkrebsgewebe,

**IF** : HepG2-Zellen,

**Hinweis-IHC: Antigenemaskierung mit TE-Puffer pH 9,0 empfohlen. (\*) Wahlweise kann die Antigenemaskierung auch mit Citratpuffer pH 6,0 erfolgen.**

## Hintergrundinformationen

RAB3IP, also known as Rabin8, is a deduced 476-amino acid protein containing a central coiled-coil domain, a bipartite nuclear localization signal, and a C-terminal endoplasmic reticulum retention motif. Rabin8 has several sites for N-glycosylation and phosphorylation. Rabin8 plays important roles in various cellular processes, including ciliogenesis. The GEF activity of Rabin8 towards Rab8 is essential for ciliogenesis and cyst apical membrane transport, but not for exocytosis of discoidal/fusiform-shaped vesicles. This antibody can recognize isoforms with predicted MW's of 53 kDa, 51 kDa, 43 kDa, 45 kDa, 33 kDa and 35 kDa, 29 kDa respectively.

## Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Kubilay Demir	24035388	Cell Rep	WB
Yu-Chiang Lai	26471730	EMBO J	WB
Michael C Burke	25313408	J Cell Biol	WB

## 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

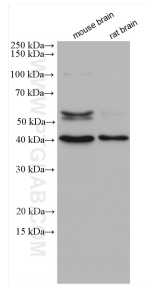
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

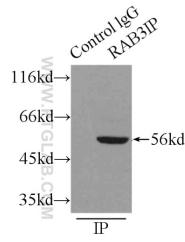
E: proteintech@ptglab.com  
W: ptglab.com

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

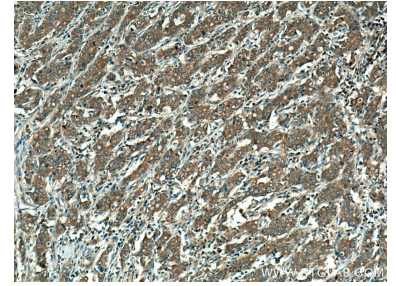
## Ausgewählte Validierungsdaten



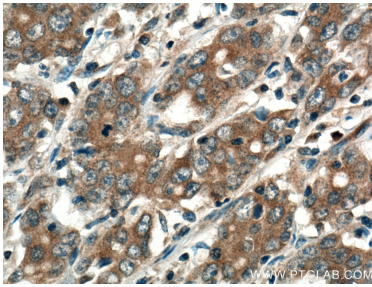
Various lysates were subjected to SDS PAGE followed by western blot with 12321-1-AP (RAB3IP antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



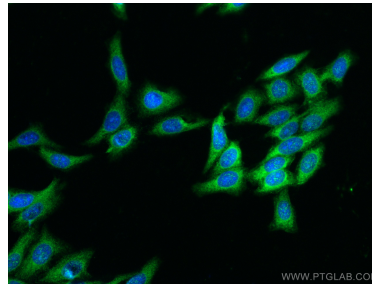
IP Result of anti-RAB3IP/Rabin8 (IP:12321-1-AP, 3ug; Detection:12321-1-AP 1:1000) with mouse lung tissue lysate 4500ug.



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 12321-1-AP (RAB3IP/Rabin8 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 12321-1-AP (RAB3IP/Rabin8 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using RAB3IP/Rabin8 antibody (12321-1-AP) at dilution of 1:200 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).