

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-RRBP1



Numéro de catalogue: 22015-1-AP

Phare

6 Publications

## Informations de base

|   |   |  |
|---|---|--|
| <b>Numéro de catalogue:</b><br>22015-1-AP                       | <b>Numéro d'acquisition GenBank:</b><br>BC128577                          | <b>Méthode de purification:</b><br>Purification par affinité contre l'antigène         |
| <b>Taille:</b><br>150ul, Concentration: 1000 µg/ml by Nanodrop; | <b>Identification du gène (NCBI):</b><br>6238                             | <b>Dilutions recommandées:</b><br>WB 1:2000-1:12000<br>IHC 1:20-1:200<br>IF 1:20-1:200 |
| <b>Hôte:</b><br>Lapin   | <b>Nom complet:</b><br>ribosome binding protein 1 homolog<br>180kDa (dog) |  |
| <b>Isotype:</b><br>IgG  | <b>MW calculé:</b><br>1410 aa, 152 kDa                                    |  |
| <b>Immunogen Catalog Number:</b><br>AG16648                     | <b>MW observés:</b><br>180 kDa  |  |

## Applications

**Applications testées:**  
FC, IF, IHC, WB, ELISA

**Demandes citées:**  
IF, IHC, IP, WB

**Spécificité de l'espèce:**  
Humain, souris

**Espèces citées:**  
Humain

**Contrôles positifs:**

**WB :** cellules HeLa, cellules HepG2, tissu pancréatique de souris

**IHC :** tissu de cancer du poumon humain, tissu pancréatique humain

**IF :** cellules NIH/3T3,

**Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (\*) À défaut, le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.**

## Informations générales

Ribosome-binding protein 1 (RRBP1) is an endoplasmic reticulum membrane protein. It is a 1410 amino acid protein composed of a hydrophobic NH2-terminus that includes a transmembrane domain, a highly conserved tandem repeat (ribosome-binding domain), and an acidic coiled-coil COOH-terminal domain. RRBP1 acts as a ribosome receptor and mediates interaction between the ribosome and the endoplasmic reticulum membrane. It is also involved in early cardiac morphogenesis (PMID: 22709790; 8812507; 7686155). RRBP1 has two different isoforms with molecular weights of 150 kDa and 109 kDa.

## Publications notables

| Autrice      | Pubmed ID | Journal   | Application |
|--------------|-----------|-----------|-------------|
| Wenqing Wang | 34618999  | Mol Oncol | WB,IF,IP    |
| Yuan Wang    | 32524001  | Sci Adv   | IF          |
| Wonyul Jang  | 36520888  | Science   | WB          |

## Stockage

**Stockage:**

Stocker à -20°C. Stable pendant un an après l'expédition.

**Tampon de stockage:**

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

**\*\*\* Les 20ul contiennent 0,1% de BSA.**

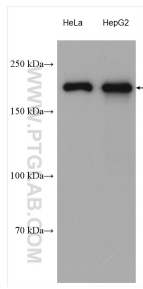
For technical support and original validation data for this product please contact:

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

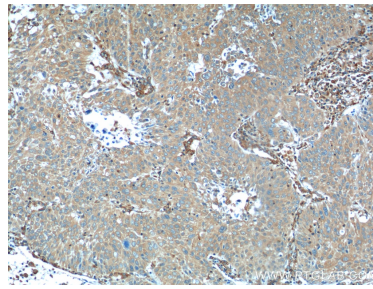
E: proteintech@ptglab.com  
W: ptglab.com

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

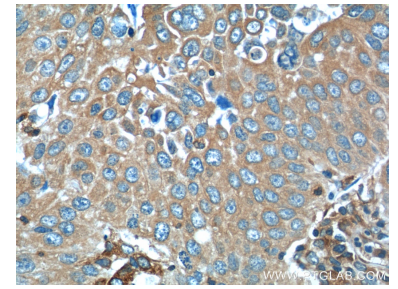
## Données de validation sélectionnées



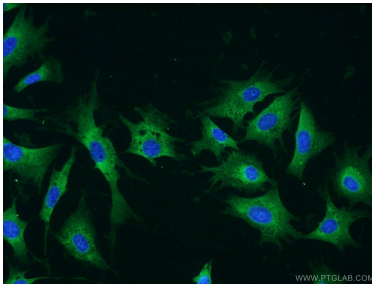
Various lysates were subjected to SDS PAGE followed by western blot with 22015-1-AP (RRBP1 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



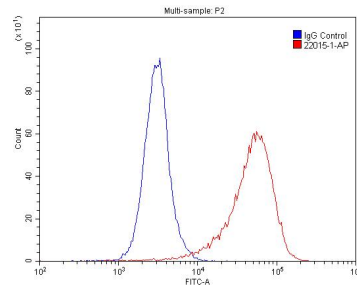
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 22015-1-AP (RRBP1 Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 22015-1-AP (RRBP1 Antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of NIH/3T3 cells using 22015-1-AP (RRBP1 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



$1 \times 10^6$  BxPC-3 cells were stained with 0.2ug RRBP1 antibody (22015-1-AP, red) and control antibody (blue). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1500. Cells were fixed with 4% PFA and permeabilized with 0.1% Triton X-100.