

For Research Use Only

# PRKRIP1 Polyclonal antibody, PBS Only

Catalog Number: 16794-1-PBS



## Basic Information

**Catalog Number:**

16794-1-PBS

**Size:**

100ug, Concentration: 1 mg/ml by Nanodrop;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG10266

**GenBank Accession Number:**

BC014298

**GeneID (NCBI):**

79706

**UNIPROT ID:**

Q9H875

**Full Name:**

PRKR interacting protein 1 (IL11 inducible)

**Calculated MW:**

184 aa, 21 kDa

**Observed MW:**

21-25 kDa

**Purification Method:**

Antigen affinity purification

## Applications

**Tested Applications:**

WB, IHC, IF/ICC, IP, Indirect ELISA

**Species Specificity:**

human, mouse

## Background Information

PRKR-interacting protein 1 (PRKRIP1), a component of the splicing C complex, is a double-stranded RNA-binding protein. PRKRIP1 consists of a fully extended N-terminal loop (residues 51-75) and an 18-turn  $\alpha$  helix (residues 76-142) that spans 100 Å (PMID: 28502770). The full-length cDNA contains an open reading frame of 561 bp, which encodes an 184-amino acid polypeptide with a predicted molecular mass of 21 kDa (PMID: 12679338).

## Storage

**Storage:**

Store at -80°C.

**Storage Buffer:**

PBS only, pH7.3

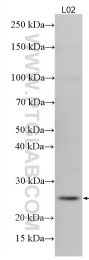
For technical support and original validation data for this product please contact:

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

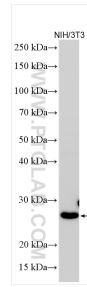
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

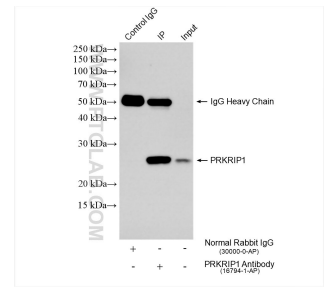
## Selected Validation Data



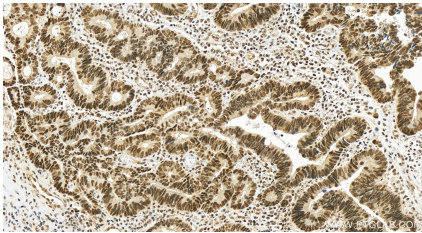
Various lysates were subjected to SDS PAGE followed by western blot with 16794-1-AP (PRKRIP1 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 16794-1-PBS in a different storage buffer formulation.



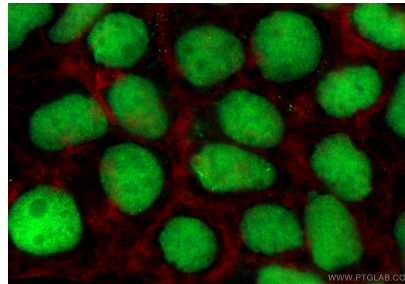
Various lysates were subjected to SDS PAGE followed by western blot with 16794-1-AP (PRKRIP1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 16794-1-PBS in a different storage buffer formulation.



IP result of anti-PRKRIP1 (IP:16794-1-AP, 4ug; Detection:16794-1-AP 1:2000) with NIH/3T3 cells lysate 1200 ug. This data was developed using the same antibody clone with 16794-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 16794-1-AP (PRKRIP1 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 16794-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed Caco-2 cells using PRKRIP1 antibody (16794-1-AP) at dilution of 1:400 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002), CL594-Phalloidin (red). This data was developed using the same antibody clone with 16794-1-PBS in a different storage buffer formulation.