

For Research Use Only

PRKRIP1 Polyclonal antibody, PBS Only

Catalog Number: 16794-1-PBS



Basic Information

Catalog Number: 16794-1-PBS	GenBank Accession Number: BC014298	Purification Method: Antigen affinity purification
Source: Rabbit	GeneID (NCBI): 79706	
Isotype: IgG	UNIPROT ID: Q9H875	
Immunogen Catalog Number: AG10266	Full Name: PRKR interacting protein 1 (IL11 inducible)	
	Calculated MW: 184 aa, 21 kDa	
	Observed MW: 21-25 kDa	

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 α 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.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

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

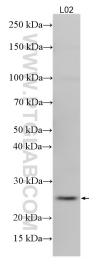
T: 4006900926

E: Proteintech-CN@ptglab.com

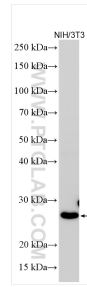
W: ptgcn.com

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

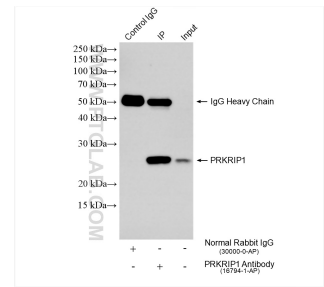
Selected Validation Data



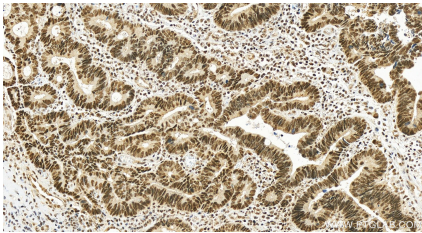
Various lysates were subjected to SDS PAGE followed by western blot with 16794-1-AP (PRKRIP1 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 16794-1-PBS in a different storage buffer formulation.



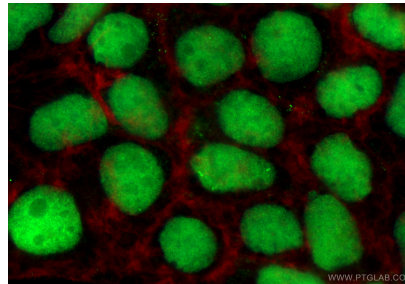
Various lysates were subjected to SDS PAGE followed by western blot with 16794-1-AP (PRKRIP1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 16794-1-PBS in a different storage buffer formulation.



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.