

For Research Use Only

SYNCRIP Polyclonal antibody

Catalog Number: 14024-1-AP

Featured Product

2 Publications



Basic Information

Catalog Number: 14024-1-AP	GenBank Accession Number: BC032643	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 400 µg/ml by Nanodrop;	GeneID (NCBI): 10492	Recommended Dilutions: WB 1:500-1:2000 IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate IF 1:50-1:500
Source: Rabbit	Full Name: synaptotagmin binding, cytoplasmic RNA interacting protein	
Isotype: IgG	Calculated MW: 623 aa, 70 kDa	
Immunogen Catalog Number: AG5167	Observed MW: 64-74 kDa	

Applications

Tested Applications: IF, IP, WB, ELISA	Positive Controls: WB : A431 cells, HEK-293 cells, Jurkat cells, HeLa cells IP : A431 cells, IF : A431 cells,
Cited Applications: IP, WB	
Species Specificity: human	
Cited Species: human, mouse	

Background Information

Synaptotagmin-binding, cytoplasmic RNA-interacting protein(SYCNCRIP), also identified as hnRNP Q, involves in mRNA processing mechanisms. It's component of the CRD-mediated complex that promotes MYC mRNA stability. Also it is part of the APOB mRNA editosome complex and may modulate the postranscriptional C to U RNA-editing of the APOB mRNA through either by binding to A1CF (APOBEC1 complementation factor), to APOBEC1 or to RNA itself. May be involved in translationally coupled mRNA turnover. Implicated with other RNA-binding proteins in the cytoplasmic deadenylation/translational and decay interplay of the FOS mRNA mediated by the major coding-region determinant of instability (mCRD) domain. Interacts in vitro preferentially with poly(A) and poly(U) RNA sequences. As previously reported, the 65 and 74 kDa proteins corresponded to two isoforms of SYNCRIP produced from alternatively spliced mRNAs (PMID: 15340051).

Notable Publications

Author	Pubmed ID	Journal	Application
Evan P Booy	30247708	Nucleic Acids Res	WB,IP
Silvia Parisi	33504840	Sci Rep	WB

Storage

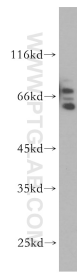
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

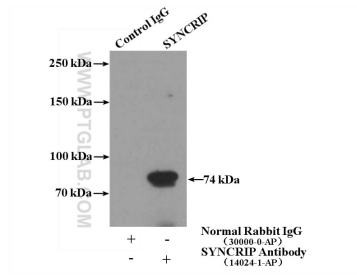
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

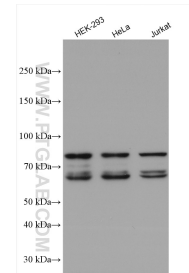
Selected Validation Data



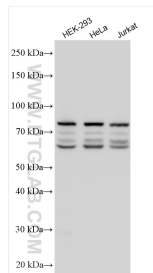
A431 cells were subjected to SDS PAGE followed by western blot with 14024-1-AP (SYNCRIP antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



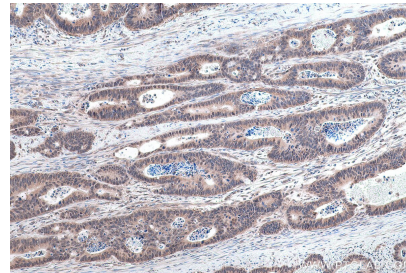
IP Result of anti-SYNCRIP (IP:14024-1-AP, 4 μ g; Detection:14024-1-AP 1:500) with A431 cells lysate 1200 μ g.



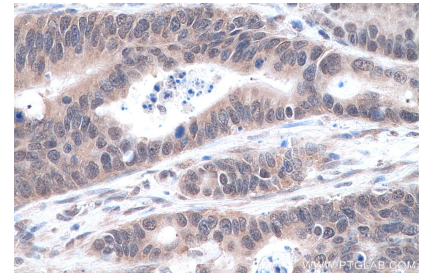
Various lysates were subjected to SDS PAGE followed by western blot with 14024-1-AP (SYNCRIP antibody) at dilution of 1:9000 incubated at room temperature for 1.5 hours.



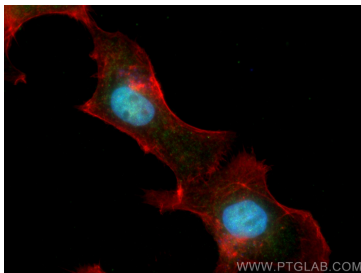
Various lysates were subjected to SDS PAGE followed by western blot with 14024-1-AP (SYNCRIP antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 14024-1-AP (SYNCRIP antibody) at dilution of 1:2000 (under 10 \times lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 14024-1-AP (SYNCRIP antibody) at dilution of 1:2000 (under 40 \times lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed A431 cells using SYNCRIP antibody (14024-1-AP) at dilution of 1:200 and CoralLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red). DAPI (blue).