

For Research Use Only

# SYNCRIP Polyclonal antibody

Catalog Number: 30443-1-AP



## Basic Information

<b>Catalog Number:</b> 30443-1-AP	<b>GenBank Accession Number:</b> BC032643	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 500 µg/ml	<b>GeneID (NCBI):</b> 10492	<b>Recommended Dilutions:</b> WB 1:1000-1:8000 IF/ICC 1:200-1:800
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> O60506	
<b>Isotype:</b> IgG	<b>Full Name:</b> synaptotagmin binding, cytoplasmic RNA interacting protein	
<b>Immunogen Catalog Number:</b> AG31509	<b>Calculated MW:</b> 623 aa, 70 kDa	
	<b>Observed MW:</b> 62-74 kDa	

## Applications

<b>Tested Applications:</b> WB, IF/ICC, ELISA	<b>Positive Controls:</b> WB : K-562 cells, THP-1 cells
<b>Species Specificity:</b> Human	<b>IF/ICC :</b> A431 cells,

## 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).

## 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

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

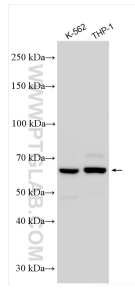
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

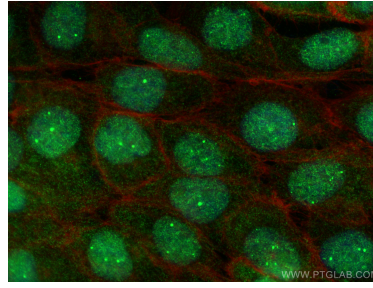
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30443-1-AP (SYNCRIP antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed A431 cells using SYNCRIP antibody (30443-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).