

For Research Use Only

SYNCRIP Polyclonal antibody, PBS Only

Catalog Number: 30443-1-PBS



Basic Information

Catalog Number:

30443-1-PBS

Size:

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

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG31509

GenBank Accession Number:

BC032643

GeneID (NCBI):

10492

UNIPROT ID:

O60506

Full Name:

synaptotagmin binding, cytoplasmic RNA interacting protein

Calculated MW:

623 aa, 70 kDa

Observed MW:

62-74 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:

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).

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

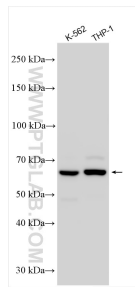
For technical support and original validation data for this product please contact:

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

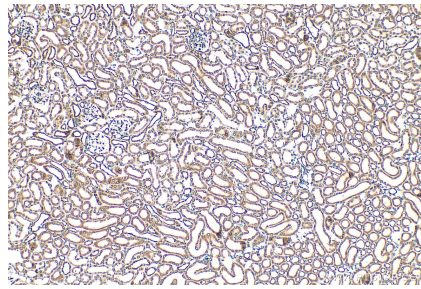
E: proteintech@ptglab.com
W: ptglab.com

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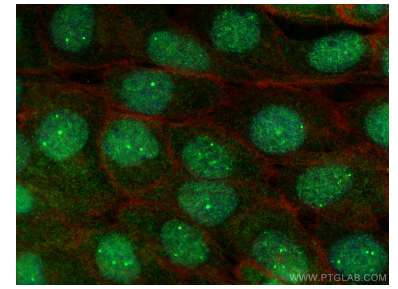
Selected Validation Data



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. This data was developed using the same antibody clone with 30443-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 30443-1-AP (SYNCRIP antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 30443-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 30443-1-PBS in a different storage buffer formulation.