

For Research Use Only

SYNCRIP Polyclonal antibody

Catalog Number: 30443-1-AP



Basic Information

Catalog Number: 30443-1-AP	GenBank Accession Number: BC032643	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 500 µg/ml by Nanodrop;	GeneID (NCBI): 10492	Recommended Dilutions: WB 1:1000-1:8000 IF 1:200-1:800
Source: Rabbit	Full Name: synaptotagmin binding, cytoplasmic RNA interacting protein	
Isotype: IgG	Calculated MW: 623 aa, 70 kDa	
Immunogen Catalog Number: AG31509	Observed MW: 62 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : K-562 cells, THP-1 cells IF : A431 cells,
Species Specificity: Human	

Background Information

Synaptotagmin-binding, cytoplasmic RNA-interacting protein(SYNCRIP), 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

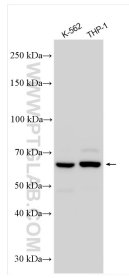
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

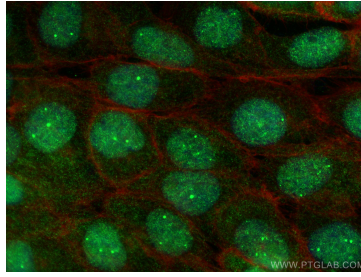
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Selected Validation Data



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).