

Datasheet for ABIN7155134
anti-SYNCRIP antibody (AA 2-191)

3 Images

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Overview

Quantity:	100 µg
Target:	SYNCRIP
Binding Specificity:	AA 2-191
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SYNCRIP antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Heterogeneous nuclear ribonucleoprotein Q protein (2-191AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	SYNCRIP
Alternative Name:	SYNCRIP (SYNCRIP Products)
Background:	Background: Heterogenous nuclear ribonucleoprotein (hnRNP) implicated in mRNA processing mechanisms. Component of the CRD-mediated complex that promotes MYC mRNA stability.

Target Details

Isoform 1, isoform 2 and isoform 3 are associated in vitro with pre-mRNA, splicing intermediates and mature mRNA protein complexes. Isoform 1 binds to apoB mRNA AU-rich sequences. Isoform 1 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. Isoform 3 may be involved in cytoplasmic vesicle-based mRNA transport through interaction with synaptotagmins. Component of the GAIT (gamma interferon-activated inhibitor of translation) complex which mediates interferon-gamma-induced transcript-selective translation inhibition in inflammation processes. Upon interferon-gamma activation assembles into the GAIT complex which binds to stem loop-containing GAIT elements in the 3'-UTR of diverse inflammatory mRNAs (such as ceruplasmin) and suppresses their translation, seems not to be essential for GAIT complex function.

Aliases: cytoplasmic RNA-interacting protein antibody, dJ3J17.2 antibody, Glycine and tyrosine rich RNA binding protein antibody, Glycine- and tyrosine-rich RNA-binding protein antibody, GRY RBP antibody, GRY-RBP antibody, GRYRBP antibody, Heterogeneous nuclear ribonucleoprotein Q antibody, hnRNP Q antibody, HNRPQ antibody, HNRPQ_HUMAN antibody, HNRPQ1 antibody, NS1 associated protein 1 antibody, NS1-associated protein 1 antibody, NSAP1 antibody, pp68 antibody, RP1 3J17.2 antibody, Synaptotagmin binding cytoplasmic RNA interacting protein antibody, Synaptotagmin-binding antibody, Syncrip antibody

UniProt: [O60506](#)

Application Details

Application Notes: Recommended dilution: WB:1:1000-1:5000, IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

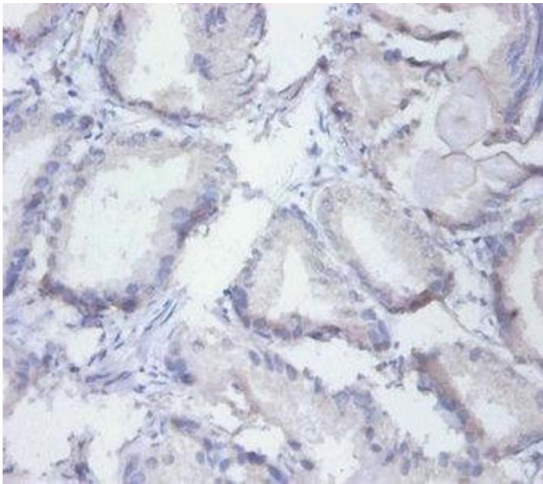
Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Handling

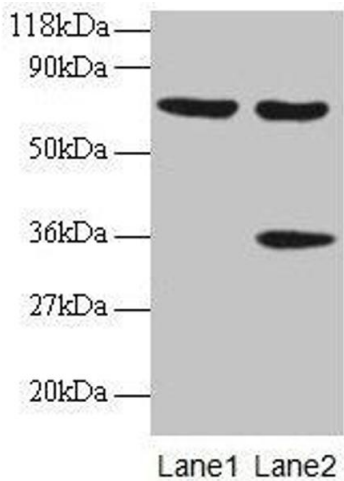
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



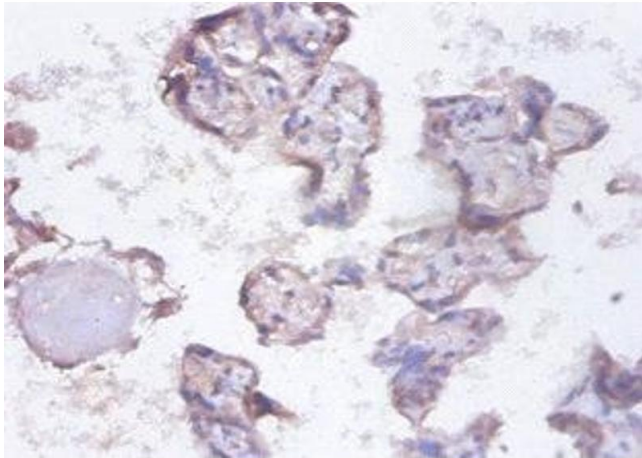
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human prostate tissue using ABIN7155134 at dilution of 1:100



Western Blotting

Image 2. Western blot All lanes: SYNCRIP antibody at 2 μ g/mL Lane 1: EC109 whole cell lysate Lane 2: 293T whole cell lysate Secondary Goat polyclonal to rabbit IgG at 1/15000 dilution Predicted band size: 70, 66, 63, 59, 47 kDa Observed band size: 70, 36 kDa



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human placenta tissue using ABIN7155134 at dilution of 1:100