Datasheet for ABIN2778979

anti-SYNCRIP antibody (Middle Region)

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Overview

Quantity:	100 µL
Target:	SYNCRIP
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Dog, Cow, Rabbit, Zebrafish (Danio rerio), Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SYNCRIP antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human SYNCRIP
Sequence:	IEIVFAKPPD QKRKERKAQR QAAKNQMYDD YYYYGPPHMP PPTRGRGRGG
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against SYNCRIP. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	SYNCRIP

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Target Details

Alternative Name:	SYNCRIP (SYNCRIP Products)
Background:	Heterogenous nuclear ribonucleoprotein (hnRNP) implicated in mRNA processing mechanisms. SYNCRIP may be involved in translationally coupled mRNA turnover. It 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. It interacts in vitro preferentially with poly(A) and poly(U) RNA sequences. Alias Symbols: GRY-RBP, NSAP1, RP1-3J17.2, dJ3J17.2, pp68, PP68, GRYRBP, HNRPQ1, hnRNP-Q Protein Interaction Partner: FUS, PRMT8, UBC, SPRTN, SUMO2, SUMO3, STAU1, MDM2, RPA3, RPA2, RPA1, RNF2, EED, rev, GNB2L1, IQGAP1, RPS21, RPL24, RPL23A, PSMD7, RPSA, IARS, PRMT1, HNRNPU, FKBP3, MAP1S, C14orf166, RPS27L, NELFB, PARK2, FBXO6, TARDBP, CSF2, CD81, IGSF8, HMGA2, ICAM1, HMG Protein Size: 623
Molecular Weight:	69 kDa
Gene ID:	10492
NCBI Accession:	NM_006372, NP_006363
UniProt:	O60506

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 623 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

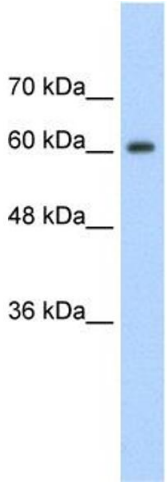
Handling

Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

Product cited in:	Ting, Wen, Liu, Hsieh-Li, Li, Lin-Chao: "The spinal muscular atrophy disease protein SMN is linked to the Golgi network." in: **PLoS ONE**, Vol. 7, Issue 12, pp. e51826, (2013) (PubMed). Groen, Fumoto, Blokhuis, Engelen-Lee, Zhou, van den Heuvel, Koppers, van Diggelen, van Heest, Demmers, Kirby, Shaw, Aronica, Spliet, Veldink, van den Berg, Pasterkamp: "ALS-associated mutations in FUS disrupt the axonal distribution and function of SMN." in: **Human molecular genetics**, Vol. 22, Issue 18, pp. 3690-704, (2013) (PubMed).

Images



Western Blotting

Image 1. WB Suggested Anti-SYNCRIP Antibody Titration: 1.25ug/ml Positive Control: HepG2 cell lysate