Datasheet for ABIN2779010

anti-SF3A3 antibody (Middle Region)

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Overview

Quantity:	100 µL
Target:	SF3A3
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Zebrafish (Danio rerio), Cow, Dog, Horse, Rabbit, Guinea Pig, Saccharomyces cerevisiae
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SF3A3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human SF3A3
Sequence:	THENVQRKQA RTGEEREEEE EEQISESESE DEENEIIYNP KNLPLGWDGK
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Yeast: 100%, Zebrafish: 91%
Characteristics:	This is a rabbit polyclonal antibody against SF3A3. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	SF3A3

Target Details

Alternative Name:	SF3A3 (SF3A3 Products)
Background:	SF3A3 is the subunit 3 of the splicing factor 3a protein complex. The splicing factor 3a heterotrimer includes subunits 1, 2 and 3 and is necessary for the in vitro conversion of 15S U2 snRNP into an active 17S particle that performs pre-mRNA splicing. Subunit 3 interacts with subunit 1 through its amino-terminus while the zinc finger domain of subunit 3 plays a role in its binding to the 15S U2 snRNP.This This gene encodes subunit 3 of the splicing factor 3a protein complex. The splicing factor 3a heterotrimer includes subunits 1, 2 and 3 and is necessary for the in vitro conversion of 15S U2 snRNP into an active 17S particle that performs pre-mRNA splicing. Subunit 3 interacts with subunit 1 through its amino-terminus while the zinc finger domain of subunit 3 plays a role in its binding to the 15S U2 snRNP. This gene has a pseudogene on chromosome 20. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications. Alias Symbols: PRP9, PRPF9, SAP61, SF3a60 Protein Interaction Partner: TRIM69, HUWE1, ZNF212, TADA2A, FUS, UBC, NEDD8, MDM2, WWOX, RNF2, SUZ12, EED, rev, APBB1, ACTN1, ACTN4, STAM2, HGS, SNRPB, CDAN1, PRPF40A, WBP4, TCERG1, UBD, SF3A1, FN1, gag-pol, PRMT5, PRPF19, PRPF31, SF3B1, SF3B3, SF3B4, HNRNPR, DDX46, TOX4, DDX23, PRPF Protein Size: 501
Molecular Weight:	59 kDa
Gene ID:	10946
NCBI Accession:	NM_006802, NP_006793
UniProt:	Q12874
Pathways:	Ribonucleoprotein Complex Subunit Organization

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 501 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid

Handling

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 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:	Yomo, Hongo, Kuroyanagi, Kobayashi: "Parkinsonism and midbrain dysfunction after shunt placement for obstructive hydrocephalus." in: **Journal of clinical neuroscience : official journal of the Neurosurgical Society of Australasia**, Vol. 13, Issue 3, pp. 373-8, (2006) (PubMed).

Images

Western Blotting

Image 1. WB Suggested Anti-SF3A3 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:12500 Positive Control: 721_B cell lysate SF3A3 is supported by BioGPS gene expression data to be expressed in 721_B