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Datasheet for ABIN1700390
anti-SF3B1 antibody (AA 1-100) (Biotin)

Overview

Quantity:	100 µL
Target:	SF3B1
Binding Specificity:	AA 1-100
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SF3B1 antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human SAP155/SF3B1
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human, Mouse
Purification:	Purified by Protein A.

Target Details

Target:	SF3B1
Alternative Name:	SAP155 (SF3B1 Products)

Target Details

Background: Synonyms: Hsh 155, MDS, Pre mRNA processing 10, Pre mRNA splicing factor SF3b 155 kDa subunit, PRP 10, PRP10, PRPF 10, PRPF10, SAP 155, SAP155, SF3B 1, SF3B 1, SF3b155, Spliceosome associated protein 155, Splicing factor 3b subunit 1 155 kDa, Splicing factor 3B subunit 1, SF3B1_HUMAN.

Background: SAP 155 is a 1,304 amino acid member of the SF3B1 family and contains eleven HEAT repeats. Localized to nuclear speckles and also to the cytoplasm during mitosis, SAP 155 is a subunit of the SF3B splicing factor. The SF3B splicing factor is a U2 snRNP-associated protein complex essential for spliceosome assembly. SF3B contains the spliceosomal proteins SAP 49, SAP 130, SAP 145 and SAP 155. Concomitant with splicing catalysis, SAP 155 is phosphorylated at its N-terminal Thr-Pro dipeptide motifs by Dyrk1A and cyclin E/Cdk2. This modification of SAP 155 is vital for a functional spliceosome as it is an essential event in the basic splicing reaction. Due to alternative splicing events, various SAP 155 isoforms are produced.

Gene ID: 23451

Pathways: [Chromatin Binding](#)

Application Details

Application Notes: WB 1:300-5000
IHC-P 1:200-400
IHC-F 1:100-500

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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

Storage Comment: Store at -20°C for 12 months.

Handling

Expiry Date: 12 months