Datasheet for ABIN7601119

anti-SF3A2 antibody (AA 29-256)

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Overview

Quantity:	100 µg
Target:	SF3A2
Binding Specificity:	AA 29-256
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SF3A2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC), Flow Cytometry (FACS)

Product Details

Purpose:	Anti-SF3A2 Antibody Picoband®
Immunogen:	E.coli-derived human SF3A2 recombinant protein (Position: R29-P256).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-SF3A2 Antibody Picoband® (ABIN7601119). Tested in ELISA, IF, IHC, ICC, WB, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	SF3A2
Alternative Name:	SF3A2 (SF3A2 Products)
Background:	Synonyms: Interleukin-17B, IL-17B, Cytokine CX1, Cytokine-like protein ZCYTO7, Neuronal interleukin-17-related factor, Il17b, Nirf, Zcyto7 Tissue Specificity: Expressed in adult pancreas, small intestine, stomach, spinal cord and testis. Less pronounced expression in prostate, colon mucosal lining, and ovary. Background: Splicing factor 3A subunit 2 is a protein that in humans is encoded by the SF3A2 gene. This gene encodes subunit 2 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 2 interacts with subunit 1 through its amino-terminus while the single zinc finger domain of subunit 2 plays a role in its binding to the 15S U2 snRNP. Subunit 2 may also function independently of its RNA splicing function as a microtubule-binding protein.
Molecular Weight:	66 kDa
Gene ID:	8175
UniProt:	Q15428
Pathways:	Ribonucleoprotein Complex Subunit Organization

Application Details

Application Notes:	Western blot, 0.1-0.25 µg/mL, Human, Mouse, Rat Immunohistochemistry(Paraffin-embedded Section), 2-5 µg/mL, Human Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg/1x10^6 cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Bennett, M., Reed, R. Correspondence between a mammalian spliceosome component and an essential yeast splicing factor. Science 262: 105-108, 1993. 2. Dresser, D. W., Hacker, A., Lovell-Badge, R., Guerrier, D. The genes for a spliceosome protein (SAP62) and the anti-mullerian hormone (AMH) are contiguous. Hum. Molec. Genet. 4: 1613-1618, 1995. 3. Dresser, D. W., Jamin, S. P., Atkins, C. J., Guerrier, D. An expressed GNRP-like gene shares a bi-ional promoter with SF3A2 (SAP62) immediately upstream of AMH. Gene 277: 163-173, 2001.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4.
Storage:	4 °C,-20 °C
Storage Comment:	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.