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Datasheet for ABIN2855215

anti-SNRPB antibody

2 Images

Overview

Quantity:	100 µL
Target:	SNRPB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SNRPB antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human SNRPB. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Drosophila melanogaster, Human
Characteristics:	Rabbit Polyclonal antibody to SNRPB (small nuclear ribonucleoprotein polypeptides B and B1) SNRPB antibody
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	SNRPB
Alternative Name:	small nuclear ribonucleoprotein polypeptides B and B1 (SNRPB Products)

Target Details

Background: The protein encoded by this gene is one of several nuclear proteins that are found in common among U1, U2, U4/U6, and U5 small ribonucleoprotein particles (snRNPs). These snRNPs are involved in pre-mRNA splicing, and the encoded protein may also play a role in pre-mRNA splicing or snRNP structure. Autoantibodies from patients with systemic lupus erythematosus frequently recognize epitopes on the encoded protein. Two transcript variants encoding different isoforms (B and B') have been found for this gene.

Cellular Localization: Nucleus

Molecular Weight: 25 kDa

Gene ID: 6628

UniProt: [P14678](#)

Pathways: [Ribonucleoprotein Complex Subunit Organization](#)

Application Details

Application Notes: WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

Comment: Positive Control: HeLa nucleus

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.38 mg/mL

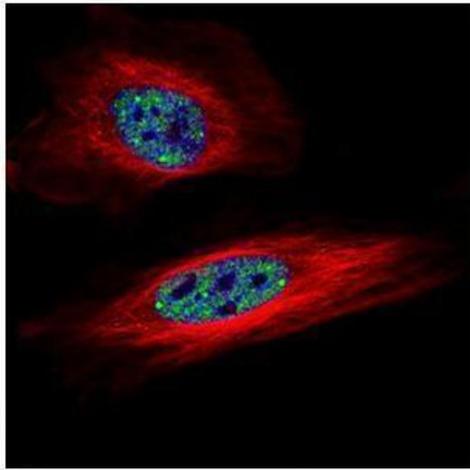
Buffer: 1XPBS pH 7, 1 % BSA, 20 % Glycerol, 0.025 % ProClin 300

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

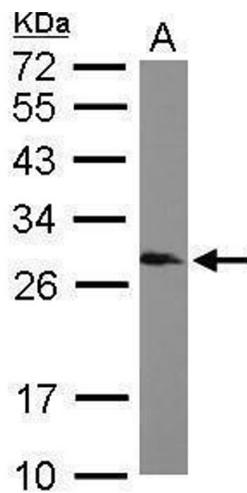
Storage: 4 °C, -20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



Immunofluorescence

Image 1. ICC/IF Image Confocal immunofluorescence analysis (Olympus FV10i) of paraformaldehyde-fixed HeLa, using SNRPB, antibody (Green) at 1:500 dilution. Alpha-tubulin filaments were labeled with (Red) at 1:2000.



Western Blotting

Image 2. WB Image Sample (30 ug of whole cell lysate) A: HeLa nucleus 12% SDS PAGE antibody diluted at 1:1000