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Datasheet for ABIN7170634
anti-U2AF2 antibody (AA 124-246) (Biotin)

Overview

Quantity:	100 µg
Target:	U2AF2 (U2AF59)
Binding Specificity:	AA 124-246
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This U2AF2 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Splicing factor U2AF 65 kDa subunit protein (124-246AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	U2AF2 (U2AF59)
Alternative Name:	U2AF2 (U2AF59 Products)
Background:	Background: Necessary for the splicing of pre-mRNA. By recruiting PRPF19 and the PRP19C/Prp19 complex/NTC/Nineteen complex to the RNA polymerase II C-terminal domain

Target Details

(CTD), and thereby pre-mRNA, may couple transcription to splicing (PubMed:21536736).
Induces cardiac troponin-T (TNNT2) pre-mRNA exon inclusion in muscle. Regulates the TNNT2 exon 5 inclusion through competition with MBNL1. Binds preferentially to a single-stranded structure within the polypyrimidine tract of TNNT2 intron 4 during spliceosome assembly. Required for the export of mRNA out of the nucleus, even if the mRNA is encoded by an intron-less gene. Represses the splicing of MAPT/Tau exon 10.
Aliases: hU2AF(65) antibody, hU2AF65 antibody, Splicing factor U2AF 65 kDa subunit antibody, U2 (RNU2) small nuclear RNA auxiliary factor 2 antibody, U2 auxiliary factor 65 kDa subunit antibody, U2 small nuclear ribonucleoprotein auxiliary factor (65kD) antibody, U2 small nuclear RNA auxiliary factor 2 antibody, U2 snRNP auxiliary factor large subunit antibody, U2af2 antibody, U2AF2_HUMAN antibody, U2AF65 antibody

UniProt: [P26368](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

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,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.