

SNRNP200

Reactivity:Human Mouse Hamster

Tested applications:WB IP

Recommended Dilution:WB 1:500 - 1:1000 IP 1:20 - 1:50

Calculated MW:244kDa

Observed MW:Refer to Figures

Immunogen:

A synthetic peptide of human SNRNP200

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

j

Synonym:

BRR2; RP33; HELIC2; ASCC3L1; U5-200KD;

Catalog #:A6063

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:23020

Isotype:IgG

Swiss Prot:O75643

Purity:Affinity purification

For research use only.

Background:

Pre-mRNA splicing is catalyzed by the spliceosome, a complex of specialized RNA and protein subunits that removes introns from a transcribed pre-mRNA segment. The spliceosome consists of small nuclear RNA proteins (snRNPs) U1, U2, U4, U5 and U6, together with approximately 80 conserved proteins. U5 snRNP contains nine specific proteins. This gene encodes one of the U5 snRNP-specific proteins. This protein belongs to the DEXH-box family of putative RNA helicases. It is a core component of U4/U6-U5 snRNPs and appears to catalyze an ATP-dependent unwinding of U4/U6 RNA duplces. Mutations in this gene cause autosomal-dominant retinitis pigmentosa. Alternatively spliced transcript variants encoding different isoforms have been found, but the full-length nature of these variants has not been determined.

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