For Research Use Only

SNRNP200 Recombinant antibody, PBS Only

Catalog Number:84992-5-PBS

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Basic Information

Catalog Number:
84992-5-PBS

Size:
100ug , Concentration: 1 mg/ml by Nanodrop;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG20748

GenBank Accession Number:
BC001417

GeneID (NCBI):
23020

UNIPROT ID:
O75643

Full Name:
small nuclear ribonucleoprotein 200kDa (U5)

Calculated MW:
494 aa, 57 kDa

Observed MW:
200-245 kDa

Purification Method:
Protein A purification

CloneNo.:
242550D10

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human

Background Information

SNRNP200 (small nuclear ribonucleoprotein 200kDa (U5)), also known as HELIC2, ASCC3L1 or BRR2, is a 2,136 amino acid protein that localizes to the nucleus and contains two SEC63 domains, two helicase C-terminal domains and two helicase ATP-binding domains. Existing as multiple alternatively spliced isoforms, HELIC2 functions as an RNA helicase that is thought to promote specific RNA-RNA conformational changes which are important in the second step of RNA splicing. The gene encoding HELIC2 maps to human chromosome 2, which houses over 1,400 genes and comprises nearly 8% of the human genome. Harlequin icthyosis, a rare and morbid skin deformity, is associated with mutations in the chromosome 2-localized ABCA12 gene, while the lipid metabolic disorder sitosterolemia is associated with defects in the ABCG5 and ABCG8 genes, hich also map to chromosome 2. The observed molecular weight of SNRNP200 is 200-245kd.

Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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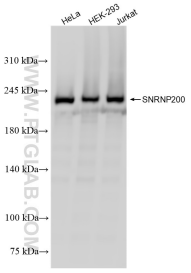
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84992-5-RR (SNRNP200 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84992-5-PBS in a different storage buffer formulation.