

For Research Use Only

# SNRNP200 Recombinant antibody, PBS Only

Catalog Number: 84992-5-PBS



## Basic Information

<b>Catalog Number:</b> 84992-5-PBS	<b>GenBank Accession Number:</b> BC001417	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 23020	<b>CloneNo.:</b> 242550D10
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> O75643	
<b>Isotype:</b> IgG	<b>Full Name:</b> small nuclear ribonucleoprotein 200kDa (U5)	
<b>Immunogen Catalog Number:</b> AG20748	<b>Calculated MW:</b> 494 aa, 57 kDa	
	<b>Observed MW:</b> 200-245 kDa	

## 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 ichthyosis, 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, which also map to chromosome 2. The observed molecular weight of SNRNP200 is 200-245kd.

## Storage

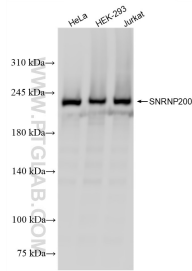
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

For technical support and original validation data for this product please contact:  
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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.