

For Research Use Only

SCRT1 Polyclonal antibody, PBS Only

Catalog Number: 31577-1-PBS



Basic Information

Catalog Number: 31577-1-PBS	GenBank Accession Number: BC168377	Purification Method: Antigen affinity Purification
Size: 1 mg/ml	GeneID (NCBI): 83482	
Source: Rabbit	UNIPROT ID: Q9BWW7	
Isotype: IgG	Full Name: scratch homolog 1, zinc finger protein (Drosophila)	
Immunogen Catalog Number: AG36215	Observed MW: 36 kDa	

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse

Background Information

SCRT1 (Transcriptional repressor scratch 1), which is expressed in many tissues, especially in brain and adrenal gland. In addition, SCRT1 is also expressed in islet β cells, and its expression is related to insulin secretion ability. SCRT1 is a C2H2 zinc finger transcription inhibitor, which can bind to E-box motif. The encoded protein may promote nerve differentiation and may be related to cancer with neuroendocrine characteristics. The functions of SCRT1 in islet β cells include regulating the expression and secretion of insulin and influencing the proliferation of β cells. SCRT1 may control calcineurin /NFAT signaling pathway by affecting the expression of Syt4, Notch1, Nfatc1 and Nfatc2 genes, which is an important regulator of the growth and function of β cells (PMID: 33309639). The molecular weight of SCRT1 is 36 kDa.

Storage

Storage:

Store at -80°C .

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

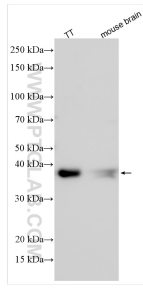
T: 4006900926

E: Proteintech-CN@ptglab.com

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31577-1-AP (SCRT1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 31577-1-PBS in a different storage buffer formulation.