

For Research Use Only

SMIM1 Polyclonal antibody

Catalog Number: 27849-1-AP



Basic Information

Catalog Number:

27849-1-AP

Size:

800 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG27028

GenBank Accession Number:

BC146957

GeneID (NCBI):

388588

UNIPROT ID:

B2RUZ4

Full Name:

hypothetical LOC388588

Observed MW:

9 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human, Mouse

Positive Controls:

WB: HEK-293 cells, mouse kidney tissue, mouse testis tissue

Background Information

Small integral membrane protein 1 (SMIM1) is a type II transmembrane phosphoprotein and displays the Vel blood group antigen at its carboxyl-terminus. SMIM1 is highly expressed in hematopoietic cells. It is associated with a variety of immune responses and plays an important role in RBC differentiation. SMIM1 can be used as a potential biomarker for the diagnosis of IDD (PMID: 30906890; 26452714).

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

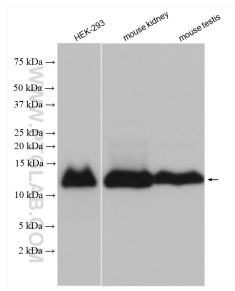
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 27849-1-AP (SMIM1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.