

For Research Use Only

SLFN12 Polyclonal antibody, PBS Only

Catalog Number: 30550-1-PBS



Basic Information

Catalog Number:

30550-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG31289

GenBank Accession Number:

BC035605

GeneID (NCBI):

55106

UNIPROT ID:

Q8IYM2

Full Name:

schlafen family member 12

Calculated MW:

578 aa, 67 kDa

Observed MW:

67-70 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human

Background Information

Schlafen family member 12 (SLFN12) is the only intermediate Schlafen protein expressed in humans (PMID: 31838790, PMID: 34571887). SLFN12 stimulates differentiation in enterocytes and prostate cancer cells, and its overexpression inhibits prostate cancer, triple-negative breast cancer (TNBC), and lung adenocarcinoma cell proliferation (PMID: 30045019, PMID: 24768141, PMID: 39594803). SLFN12 regulates human enterocytic differentiation by a pathway involving SERPB12, the deubiquitylases, and Cdx2 (PMID: 30045019). The expression of SLFN12 is increased throughout the process of T-cell activation (PMID: 28460425).

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, pH7.3

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

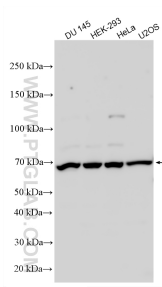
T: 4006900926

E: Proteintech-CN@ptglab.com

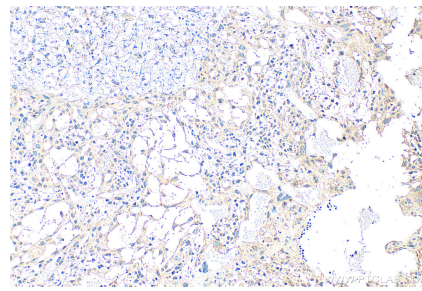
W: ptgcn.com

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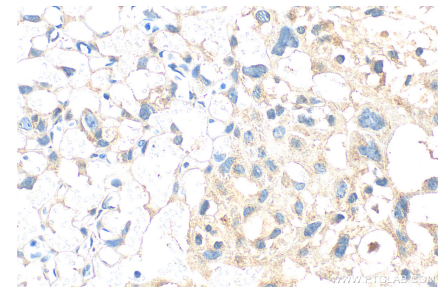
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30550-1-AP (SLFN12 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 30550-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse placenta tissue slide using 30550-1-AP (SLFN12 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 30550-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse placenta tissue slide using 30550-1-AP (SLFN12 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 30550-1-PBS in a different storage buffer formulation.