

For Research Use Only

SPINT3 Polyclonal antibody

Catalog Number: 31931-1-AP



Basic Information

Catalog Number:

31931-1-AP

Concentration:

450 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG35289

GenBank Accession Number:

NM_006652.1

GeneID (NCBI):

10816

UNIPROT ID:

P49223

Full Name:

serine peptidase inhibitor, Kunitz type, 3

Calculated MW:

10 kDa

Observed MW:

35 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB 1:1000-1:6000

IF/ICC 1:200-1:800

Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : A431 cells, mouse testis tissue, A549 cells, mouse epididymis tissue, rat testis tissue

IF/ICC : A431 cells,

Background Information

Serine peptidase inhibitor, Kunitz type 3 (SPINT3, also known as HKIB9) might be related to serine-type endopeptidase inhibitor activity, receptor antagonist activity, and transforming growth factor beta binding (PMID: 21988899). The calculated molecular weight of SPINT3 is 10 kDa, which is lower than its observed molecular weight of 30-35 kDa by SDS-PAGE detection (PMID: 21988899).

Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol

Aliquoting is unnecessary for -20°C storage

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

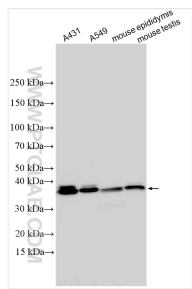
T: 4006900926

E: Proteintech-CN@ptglab.com

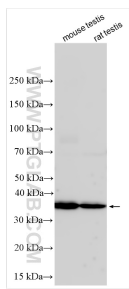
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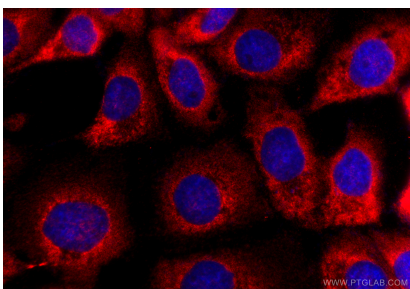
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31931-1-AP (SPINT3 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



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Immunofluorescent analysis of (-20°C Methanol) fixed A431 cells using SPINT3 antibody (31931-1-AP) at dilution of 1:400 and CoraLite®594-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-4).