

For Research Use Only

SEC14L1 Polyclonal antibody

Catalog Number: 25541-1-AP

Featured Product

2 Publications



Basic Information

Catalog Number:

25541-1-AP

Size:

150ul, Concentration: 600 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG22233

GenBank Accession Number:

BC142979

GeneID (NCBI):

6397

UNIPROT ID:

Q92503

Full Name:

SEC14-like 1 (S. cerevisiae)

Calculated MW:

719 aa, 82 kDa

Observed MW:

81 kDa, 77 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IF/ICC 1:200-1:800

Applications

Tested Applications:

WB, IF/ICC, IP, ELISA

Cited Applications:

WB

Species Specificity:

human

Cited Species:

human

Positive Controls:

WB : HEK-293 cells, Y79 cells, HeLa cells

IP : HEK-293 cells,

IF/ICC : A431 cells,

Background Information

SEC14L1 (SEC14-like protein 1) is a member of SEC14 family in mammals with the potential to control local phospholipid content in membranes. SEC14L1 may act as a phospholipid transfer protein. It has also been reported that SEC14L1 functions as a novel negative regulator of RIG-I-mediated antiviral signaling and is involved in innate immunity (PMID: 17092608; 23843640). SEC14L1 has three isoforms with the molecular mass of 81.2kDa, 81.8kDa and 77.1kDa.

Notable Publications

Author	Pubmed ID	Journal	Application
Birol Cabukusta	39106189	Elife	WB
Sang Ah Yi	38788716	Mol Cell	WB

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

*** 20ul sizes contain 0.1% BSA

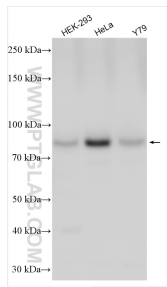
For technical support and original validation data for this product please contact:

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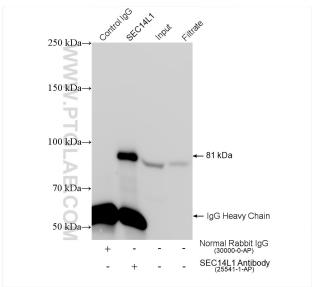
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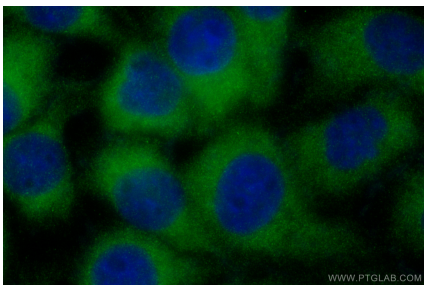
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 25541-1-AP (SEC14L1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP result of anti-SEC14L1 (IP:25541-1-AP, 4ug; Detection:25541-1-AP 1:500) with HEK-293 cells lysate 1480 ug.



Immunofluorescent analysis of (-20°C Methanol) fixed A431 cells using SEC14L1 antibody (25541-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).