

For Research Use Only

SKIV2L Polyclonal antibody

Catalog Number: 11462-1-AP

Featured Product

14 Publications



Basic Information

Catalog Number:

11462-1-AP

Size:

150ul, Concentration: 850 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1977

GenBank Accession Number:

BC015758

GeneID (NCBI):

6499

UNIPROT ID:

Q15477

Full Name:

superkiller viralicidic activity 2-like (S. cerevisiae)

Calculated MW:

1246 aa, 138 kDa

Observed MW:

138 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:8000

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

IHC 1:200-1:800

Applications

Tested Applications:

WB, IHC, IP, ELISA

Cited Applications:

WB, IHC, IF, ChIP

Species Specificity:

human

Cited Species:

human

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : HEK-293 cells, COLO 320 cells, human kidney tissue, HepG2 cells, Jurkat cells

IP : HepG2 cells,

IHC : human stomach tissue,

Background Information

The Ski complex is a multiprotein complex required for exosome-mediated RNA surveillance, including the regulation of normal mRNA and the decay of nonfunctional mRNA. Component of the Ski complex which is thought to be involved in exosome-mediated RNA decay and associates with transcriptionally active genes in a manner dependent on PAF1 complex (PAF1C) [PMID:22444670]. SKIV2L, one component of the Ski complex, acts as an RNA helicase with a role in exosome recruitment or activation. It is involved in the degradation of RNAs by the exosome and may have a role in autophagy [PMID:11719186].

Notable Publications

Author	Pubmed ID	Journal	Application
Katarzyna Kalisiak	27679475	Nucleic Acids Res	WB
Katarzyna Kalisiak	28204585	Nucleic Acids Res	WB
Stuart Weston	33184176	Proc Natl Acad Sci U S A	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

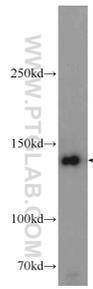
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

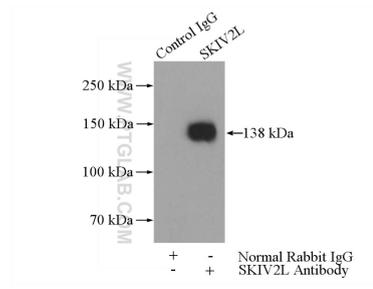
E: proteintech@ptglab.com
W: ptglab.com

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

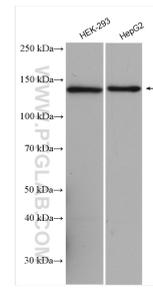
Selected Validation Data



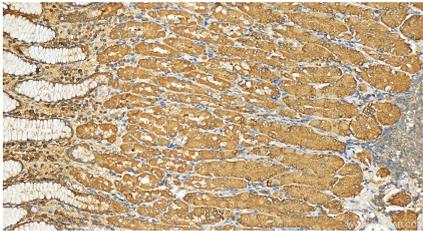
HEK-293 cells were subjected to SDS PAGE followed by western blot with 11462-1-AP (SKIV2L Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



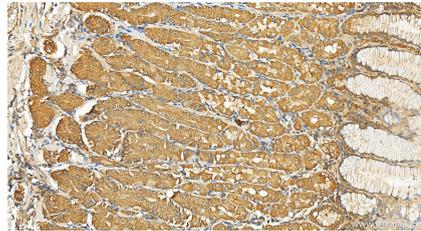
IP result of anti-SKIV2L (IP:11462-1-AP, 4ug; Detection:11462-1-AP 1:600) with HepG2 cells lysate 3200ug.



Various lysates were subjected to SDS PAGE followed by western blot with 11462-1-AP (SKIV2L antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human stomach tissue slide using 11462-1-AP (SKIV2L antibody) at dilution of 1:400 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human stomach tissue slide using 11462-1-AP (SKIV2L antibody) at dilution of 1:400 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).