

For Research Use Only

SLIRP Polyclonal antibody

Catalog Number: 26006-1-AP

Featured Product

5 Publications



Basic Information

Catalog Number:

26006-1-AP

Size:

150ul, Concentration: 350 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG22945

GenBank Accession Number:

BC017895

GeneID (NCBI):

81892

UNIPROT ID:

Q9GZT3

Full Name:

chromosome 14 open reading frame 156

Calculated MW:

109 aa, 12 kDa

Observed MW:

12 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

IHC 1:50-1:500

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Cited Applications:

WB, IF, CoIP

Species Specificity:

human, mouse

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 : HeLa cells, PC-3 cells, MDA-MB-453s cells

IHC : human ovary cancer tissue, human kidney tissue, human stomach cancer tissue, mouse testis tissue

IF/ICC : PC-3 cells,

Background Information

SLIRP, also named as C14orf156, DC23, DC50 and PD04872. It is an RNA-binding protein on steroid receptor RNA activator (SRA), and its expression is ubiquitous in human normal tissues. SLIRP can affect mitochondrial mRNA transcription and energy conversion. In addition, the loss or weakening of SLIRP destroys part of the structure of mitochondria, affects mitochondria energy metabolism, and increases sperm or cell oxidative stress damage (PMID: 33150185). SLIRP has 2 isoforms with the molecular mass of 12 kDa.

Notable Publications

Author	Pubmed ID	Journal	Application
Wen-Su Wei	34864630	Redox Biol	WB, IF, CoIP
Mariia V Baleva	38203264	Int J Mol Sci	WB
Hui Wang	37689814	Cell Death Differ	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

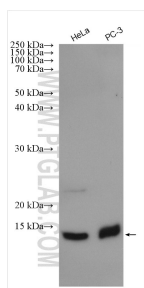
For technical support and original validation data for this product please contact:

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

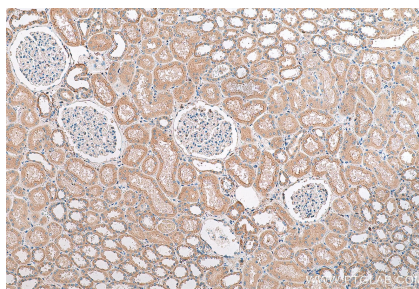
E: proteintech@ptglab.com
W: ptglab.com

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

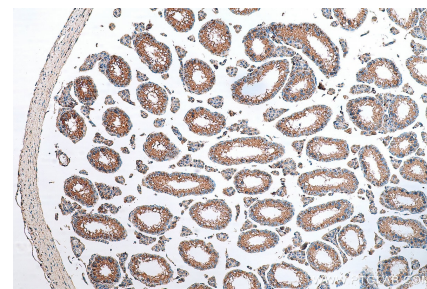
Selected Validation Data



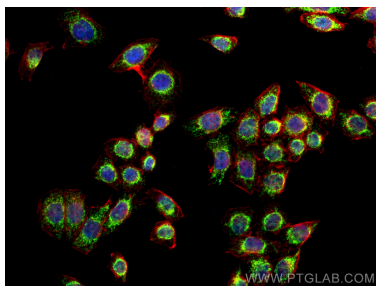
Various lysates were subjected to SDS PAGE followed by western blot with 26006-1-AP (SLIRP antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



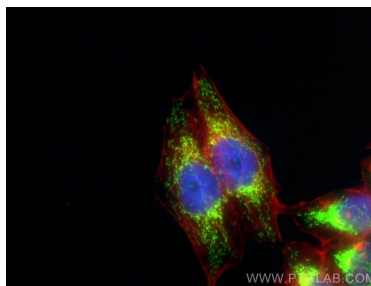
Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 26006-1-AP (SLIRP antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



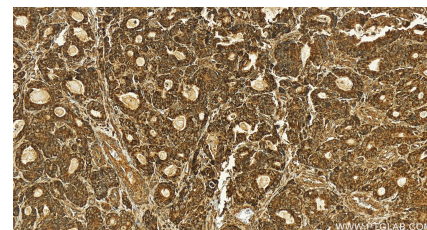
Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 26006-1-AP (SLIRP antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



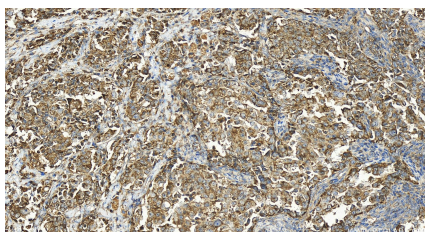
Immunofluorescent analysis of (4% PFA) fixed PC-3 cells using SLIRP antibody (26006-1-AP) at dilution of 1:200 and Coralite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed PC-3 cells using SLIRP antibody (26006-1-AP) at dilution of 1:200 and Coralite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 26006-1-AP (SLIRP antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using 26006-1-AP (SLIRP antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).