

PACO47674

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## Product Information

**Size:**

50ug

**Reactivity:**

Human, Mouse

**Source:**

Rabbit

**Isotype:**

IgG

**Applications:**

ELISA, WB, IHC, IF

**Recommended dilutions:**

ELISA:1:2000-1:10000, WB:1:500-1:5000,  
IHC:1:100-1:500, IF:1:50-1:500

**Protein Background:**

Interferon (IFN)-induced antiviral protein which acts as an inhibitor of retrovirus protein synthesis. Specifically abrogates the production of retroviruses such as human immunodeficiency virus 1 (HIV-1) by acting as a specific inhibitor of the synthesis of retroviruses encoded proteins in a codon-usage-dependent manner. Binds to tRNAs and exploits the unique viral codon bias towards A/T nucleotides. The exact inhibition mechanism is unclear: may either sequesters tRNAs, prevents their maturation via post-transcriptional processing or accelerates their deacylation. Does not inhibit reverse transcription, integration or production and nuclear export of viral RNA. May play a role in cell cycle arrest and/or induction of apoptosis in response to exogenously induced DNA damage.

**Gene ID:**

SLFN11

**Uniprot**

Q7Z7L1

**Synonyms:**

Schlafen family member 11, SLFN11

**Immunogen:**

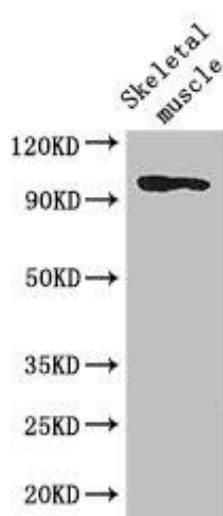
Recombinant Human Schlafen family member 11 protein (670-821AA).

**Storage:**

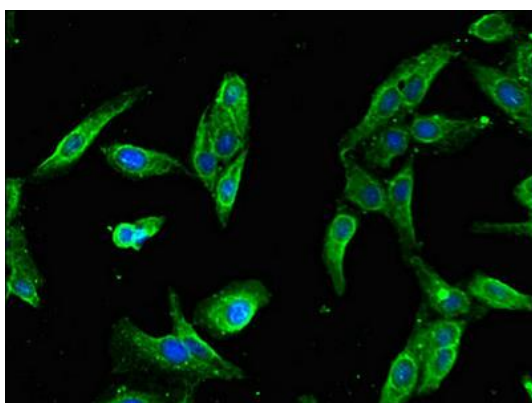
Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, PH 7.4

## Product Images

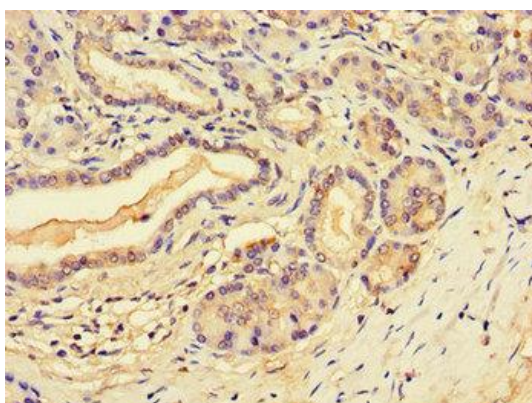
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Western Blot. Positive WB detected in: Mouse skeletal muscle tissue. All lanes: SLFN11 antibody at 2.8 $\mu$ g/ml. Secondary. Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 103 kDa. Observed band size: 103 kDa.



Immunofluorescent analysis of HeLa cells using PACO47674 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemistry of paraffin-embedded human pancreatic tissue using PACO47674 at dilution of 1:100.