

SLFN11 Rabbit mAb

Catalog NO.: A27142 **Recombinant**

Basic Information

Observed MW

100 kDa

Calculated MW

103 kDa

Category

Monoclonal Antibodies

Applications

WB, IF/ICC, IP, ELISA

Cross-Reactivity

Human

Conjugation

Unconjugated

Clone number

ARC51658

Background

Enables tRNA binding activity. Involved in several processes, including defense response to virus; negative regulation of G1/S transition of mitotic cell cycle; and replication fork arrest. Located in cytosol; nucleoplasm; and site of DNA damage.

Recommended Dilutions

WB 1:1000 - 1:5000

IF/ICC 1:100 - 1:400

IP

0.5µg-4µg antibody for 200µg-400µg extracts of whole cells

ELISA

Recommended starting concentration is 1 µg/mL.
Please optimize the concentration based on your specific assay requirements.

Contact

Immunogen Information

Gene ID	Swiss Prot
91607	Q7Z7L1

Immunogen

Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms

SLFN8/9

Product Information

☒		order@abclonal.com
☒		service@abclonal.com
☒		www.abclonal.com

Source

Rabbit

Isotype

IgG

Purification

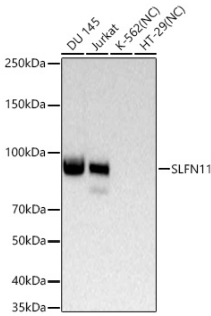
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Western blot analysis of various lysates using SLFN11 Rabbit mAb (A27142) at 1:5000 dilution incubated at room temperature for 1.5 hours.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

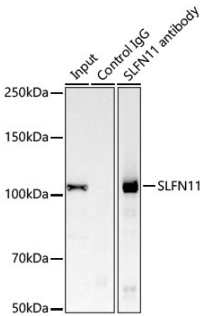
Lysates/proteins: 25 µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

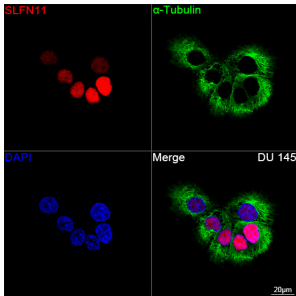
Detection: ECL Basic Kit (RM00020).

Negative control (NC): K-562, HT-29.

Exposure time: 45 s.



Immunoprecipitation of SLFN11 from 300 µg extracts of Jurkat cells was performed using 0.5 µg of SLFN11 Rabbit mAb (A27142). Rabbit Control IgG (AC005) was used to precipitate the Control IgG sample. IP samples were eluted with 1X Laemmli Buffer. The Input lane represents 10% of the total input. Western blot analysis of immunoprecipitates was conducted using SLFN11 Rabbit mAb (A27142) at a dilution of 1 : 1000.



Confocal imaging of DU 145 cells using SLFN11 Rabbit mAb (A27142, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). The cells were counterstained with α -Tubulin Mouse mAb (AC012, dilution 1:400) followed by incubation with ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (AS076, dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.

Antibody | Protein | ELISA Kit | Enzyme | NGS | Service

For research use only. Not for therapeutic or diagnostic purposes.

Please visit <https://abclonal.com> for a complete list of recommended products.