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SLFN11 Rabbit mAb

Catalog No.: A27142 Recombinant

Basic Information

Observed MW
100 kDa

Calculated MW
103 kDa

Category
Primary antibody

Applications
WB,IF/ICC,IP,ELISA

Cross-Reactivity
Human

CloneNo 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.

Immunogen Information

Gene ID
91607

Swiss Prot
Q7Z7L1

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

Synonyms
SLFN8/9

Contact

400-999-6126

cn.market@abclonal.com.cn

www.abclonal.com.cn

Product Information

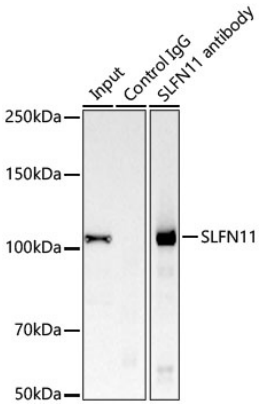
Source
Rabbit

Isotype
IgG

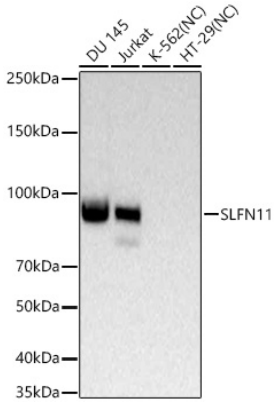
Purification
Affinity purification

Storage
Store at -20℃. 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.

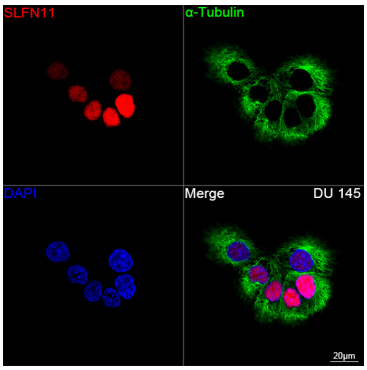
Validation Data



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.



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.



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.