

NSF Rabbit pAb

Catalog No.: A0926 **2 Publications**

Basic Information

Observed MW

80kDa

Calculated MW

83kDa

Category

Primary antibody

Applications

WB,IF/ICC,IP,ELISA

Cross-Reactivity

Human, Mouse, Rat

Background

Enables PDZ domain binding activity and ionotropic glutamate receptor binding activity. Involved in intracellular protein transport; positive regulation of protein catabolic process; and positive regulation of receptor recycling. Located in Golgi apparatus; cytosol; and plasma membrane. Implicated in developmental and epileptic encephalopathy.

Recommended Dilutions

WB 1:1000 - 1:5000

IF/ICC 1:50 - 1:200

IP 0.5µg-4µg antibody for 400µg-600µg 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

4905

Swiss Prot

P46459

Immunogen

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

Synonyms

SKD2; DEE96; SEC18; NSF

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

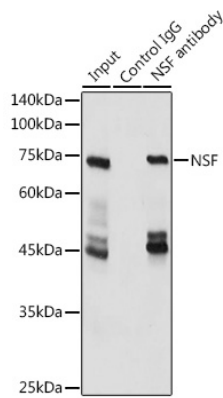
Affinity purification

Storage

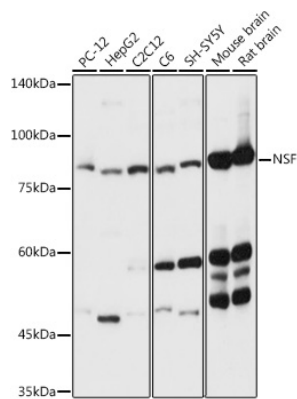
Store at -20°C. Avoid freeze / thaw cycles.

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

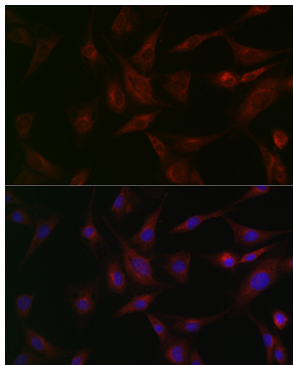
Validation Data



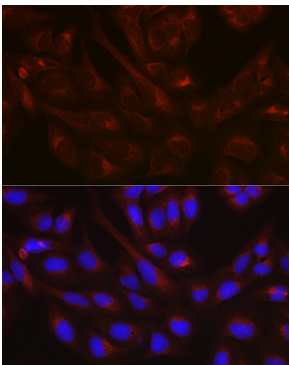
Immunoprecipitation analysis of 600 µg extracts of Mouse brain cells using 3 µg NSF antibody (A0926). Western blot was performed from the immunoprecipitate using NSF antibody (A0926) at a dilution of 1:3000.



Western blot analysis of various lysates using NSF Rabbit pAb (A0926) at 1:3000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.



Immunofluorescence analysis of BALB-3T3 cells using NSF Rabbit pAb (A0926) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U-2 OS cells using NSF Rabbit pAb (A0926) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.