

[KD Validated] NF2 Rabbit pAb

Catalog No.: A0739 **1 Publications**

Basic Information

Observed MW

73kDa

Calculated MW

70kDa

Category

Primary antibody

Applications

WB,IF/ICC,IP,ELISA

Cross-Reactivity

Human, Mouse, Rat

Background

This gene encodes a protein that is similar to some members of the ERM (ezrin, radixin, moesin) family of proteins that link cytoskeletal components with proteins in the cell membrane. The encoded protein is involved in regulation of contact-dependent inhibition of cell proliferation and functions in cell-cell adhesion and transmembrane signaling. The encoded protein has been shown to interact with cell-surface proteins, proteins involved in cytoskeletal dynamics, and proteins involved in regulating ion transport. Disruption of this protein's function has been implicated in tumorigenesis and metastasis. Mutations in this gene are associated with neurofibromatosis type II which is characterized by nervous system and skin tumors and ocular abnormalities.

Recommended Dilutions

WB 1:500 - 1:2000

IF/ICC 1:50 - 1:200

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

 | 400-999-6126

 | cn.market@abclonal.com.cn

 | www.abclonal.com.cn

Immunogen Information

Gene ID

4771

Swiss Prot

P35240

Immunogen

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

Synonyms

ACN; SCH; BANF; merlin-1; F2

Product Information

Source

Rabbit

Isotype

IgG

Purification

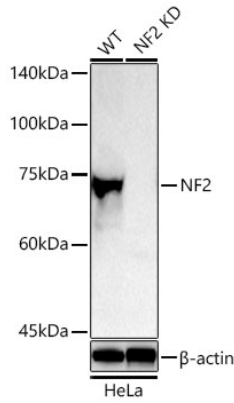
Affinity purification

Storage

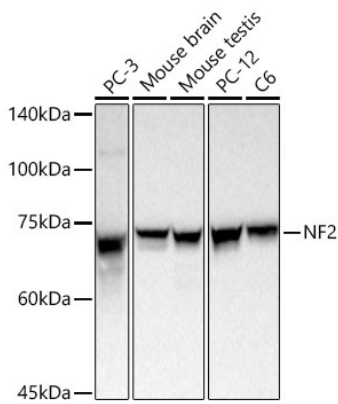
Store at -20°C. Avoid freeze / thaw cycles.

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

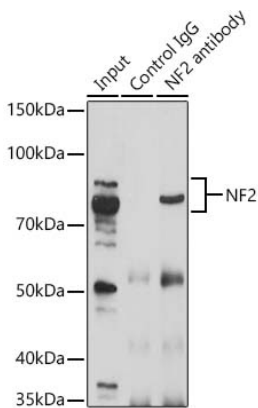
Validation Data



Western blot analysis of lysates from wild type (WT) and NF2 knockdown (KD) HeLa cells using [KD Validated] NF2 Rabbit pAb (A0739) at 1:1000 dilution incubated overnight at 4°C.
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)
Exposure time: 180 s.

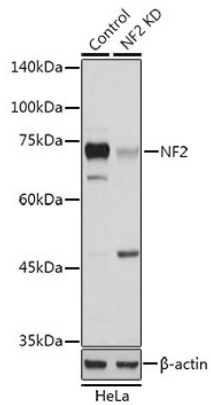


Western blot analysis of various lysates using [KD Validated] NF2 Rabbit pAb (A0739) at 1:1000 dilution incubated overnight at 4°C.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020)
Exposure time: 30 s.

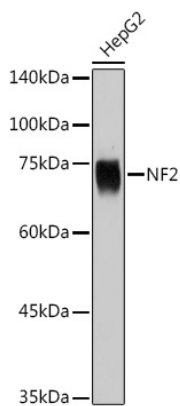


Immunoprecipitation analysis of 200 µg extracts of A-549 cells using 3 µg [KD Validated] NF2 Rabbit pAb (A0739). Western blot was performed from the immunoprecipitate using [KO Validated] NF2 Rabbit pAb (A0739) at a dilution of 1:1000.

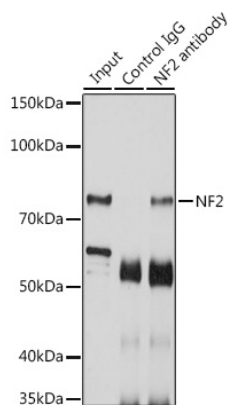
Validation Data



Western blot analysis of lysates from wild type (WT) and NF2 knockdown (KD) HeLa cells, using [KD Validated] NF2 Rabbit pAb (A0739) at 1:1000 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: 3s.

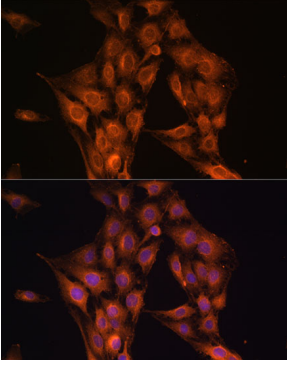


Western blot analysis of lysates from HepG2 cells, using [KD Validated] NF2 Rabbit pAb (A0739) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 3s.

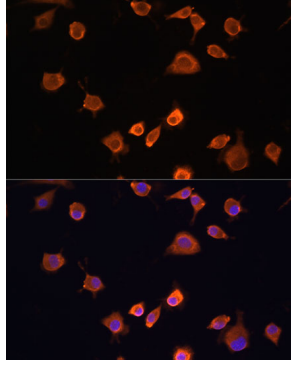


Immunoprecipitation analysis of 200 µg extracts of SKOV3 cells using 3 µg [KD Validated] NF2 Rabbit pAb (A0739). Western blot was performed from the immunoprecipitate using NF2 antibody (A0739) at a dilution of 1:1000.

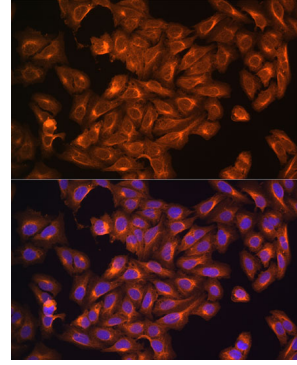
Validation Data



Immunofluorescence analysis of C6 cells using [KD Validated] NF2 Rabbit pAb (A0739) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of L929 cells using [KD Validated] NF2 Rabbit pAb (A0739) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U2OS cells using [KD Validated] NF2 Rabbit pAb (A0739) at dilution of 1:100. Blue: DAPI for nuclear staining.