

# NF2 Polyclonal Antibody

Catalog No: #27239



Package Size: #27239-1 50ul #27239-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)

Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

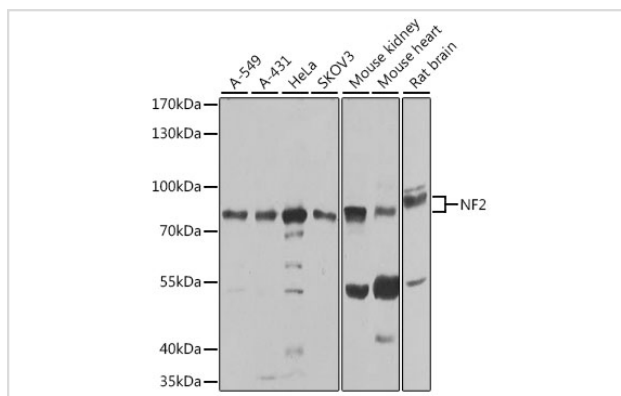
## Description

|                       |  |
|-----------------------|--|
| Product Name          | NF2 Polyclonal Antibody                                |
| Host Species          | Rabbit   |
| Clonality             | Polyclonal   |
| Isotype               | IgG  |
| Purification          | Affinity purification                                  |
| Applications          | WB,IF  |
| Species Reactivity    | Human,Mouse,Rat  |
| Immunogen Description | Recombinant fusion protein of human NF2 (NP_000259.1). |
| Other Names           | NF2;ACN;BANF;SCH;merlin                                |
| Accession No.         | Uniprot:P35240GeneID:4771                              |
| Calculated MW         | 80kDa  |
| SDS-PAGE MW           | 80kDa  |
| Formulation           | PBS with 0.02% sodium azide,50% glycerol,pH7.3.        |
| Storage               | Store at -20°C. Avoid freeze / thaw cycles.            |

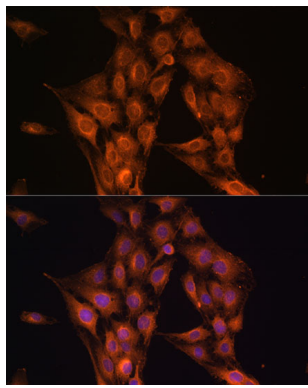
## Application Details

WB □ 1:500 - 1:2000 IF □ 1:50 - 1:200

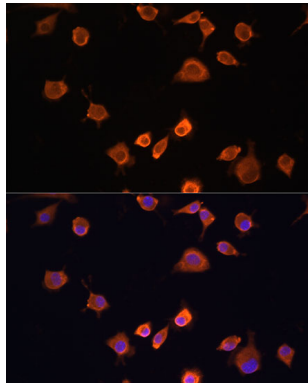
## Images



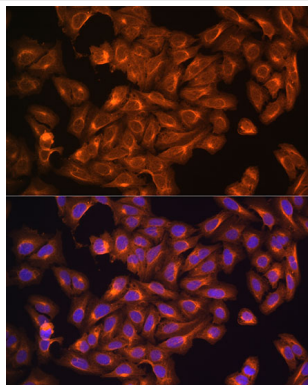
Western blot analysis of extracts of various cell lines, using NF2 antibody.



Immunofluorescence analysis of C6 cells using NF2 antibody.



Immunofluorescence analysis of L929 cells using NF2 antibody.



Immunofluorescence analysis of U2OS cells using NF2 antibody.

## Background

This gene encodes a protein that is similar to some members of the ERM (ezrin, radixin, moesin) family of proteins that are thought to link cytoskeletal components with proteins in the cell membrane. This gene product has been shown to interact with cell-surface proteins, proteins involved in cytoskeletal dynamics and proteins involved in regulating ion transport. This gene is expressed at high levels during embryonic development; in adults, significant expression is found in Schwann cells, meningeal cells, lens and nerve. Mutations in this gene are associated with neurofibromatosis type II which is characterized by nervous system and skin tumors and ocular abnormalities. Two predominant isoforms and a number of minor isoforms are produced by alternatively spliced transcripts.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.