

AP0414

Leader in Biomolecular Solutions for Life Science



# Phospho-NF2-S518 Rabbit pAb

Catalog No.: AP0414

## Basic Information

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### Observed MW

70kDa

### Calculated MW

70kDa

### Category

Polyclonal Antibody

### Applications

WB

### Cross-Reactivity

Human, Mouse, Rat

## Background

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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

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WB 1:500 - 1:2000

## Immunogen Information

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### Gene ID

4771

### Swiss Prot

P35240

### Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

### Synonyms

ACN; SCH; BANF; merlin-1; Phospho-NF2-S518

## Contact

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 [www.abclonal.com](http://www.abclonal.com)

## Product Information

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### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

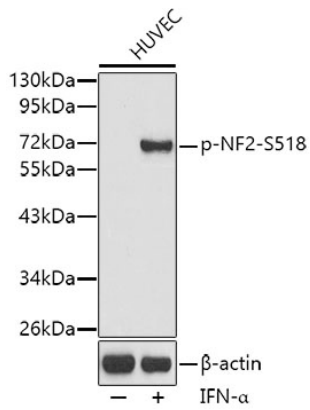
### Storage

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

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Western blot analysis of lysates from HUVEC cells, using Phospho-NF2-S518 Rabbit pAb (AP0414).

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

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% BSA.