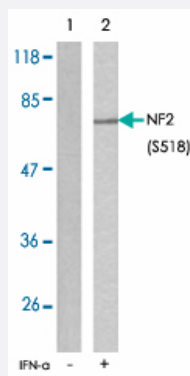


NF2 (phospho S518) polyclonal antibody

Catalog # PAB25852 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of extracts from HUVEC cells untreated or treated with IFN-alpha (100 ng/mL 15 min) using NF2 (phospho S518) polyclonal antibody (Cat # PAB25852).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic phosphopeptide of NF2.
Immunogen	Synthetic phosphopeptide corresponding to residues surrounding S518 of human NF2.
Sequence	R-L-Sp-M-E
Host	Rabbit
Theoretical MW (kDa)	69
Reactivity	Human, Mouse, Rat
Form	Liquid
Purification	Affinity chromatography
Concentration	1 mg/mL
Recommend Usage	Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS (without Mg ²⁺ and Ca ²⁺), 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of extracts from HUVEC cells untreated or treated with IFN-alpha (100 ng/mL 15 min) using NF2 (phospho S518) polyclonal antibody (Cat # PAB25852).

Gene Info — NF2

Entrez GeneID	4771
Protein Accession#	P35240
Gene Name	NF2
Gene Alias	ACN, BANF, SCH
Gene Description	neurofibromin 2 (merlin)
Omim ID	101000 162091 607174 607379
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	merlin moesin-ezrin-radixin like moesin-ezrin-radixin-like protein neurofibromin 2 neurofibromin 2 (bilateral acoustic neuroma) schwannomerlin schwannomin

Disease

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