

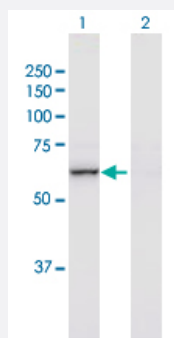
MaxPab®

NF2 purified MaxPab mouse polyclonal antibody (B02P)

Catalog # H00004771-B02P

Size 50 ug

Applications

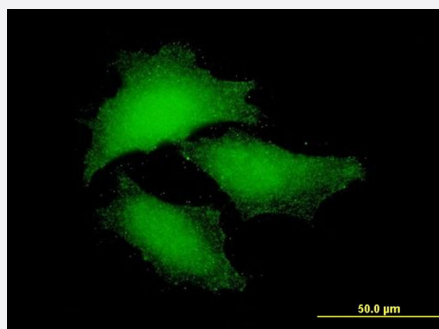


Western Blot (Transfected lysate)

Western Blot analysis of NF2 expression in transfected 293T cell line ([H00004771-T02](#)) by NF2 MaxPab polyclonal antibody.

Lane 1: NF2 transfected lysate(55.77 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to NF2 on HeLa cell.
[antibody concentration 10 ug/ml]

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human NF2 protein.

Immunogen

NF2 (NP_861968.1, 1 a.a. ~ 507 a.a) full-length human protein.

Sequence

MAGAIASRMSFSSLKRKQPKTFTVRVTMDAEMEFNCEVKKQILDEKIYCPPEASVLLASYAVQAK
YGDYDPSVHKRGFLAQEELLPKRVINLYQMTPEMWEERITAWYAEHRGRARDEAEMEYLKIAQDL
EMYGVNYFAIRNKKGTETLLGVDALGLHYDPENRLTPKISFPWNEIRNISYSDFEFTIKPLDKKIDVF
KFNSSKL RVNKLILQLCIGNHDLFMRRRKADSLEVQQMKAQAREEKARKQMERQRLAREKQMRE
EAERTRDELERRLLQMKEEATMANEALMRSEETADLLAEKAQITEEEAKLLAQKAAEAQEMQRI
KATAIRTEEEKRLMEQKVLEAEVLALKMAEESERRAKEADQLKQDLQEAREAEERRAKQKLLEIAT
KPTYPPMNPAPLPDPDIPSNLIGDSLSFDFKDTDMKRLSMEIEKEKVEYMEKSKHLQEQLNELK
TEIEALKLKERETALDILHNENSDRGSSKHNTIKKPQAQGRPPIC

Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

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[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to NF2 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — NF2

Entrez GeneID	4771
GeneBank Accession#	NM_181830
Protein Accession#	NP_861968.1
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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- [Disease Susceptibility](#)
- [Genetic Predisposition to Disease](#)
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- [Nervous System Neoplasms](#)
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- [Neurofibromatosis 2](#)
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