

DNAxPAb

Hard-to-Find  
Antibody

## NF2 DNAxPab

Catalog # H00004771-W01P

Size 200 ug

### Specification

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Description     | Rabbit polyclonal antibody raised against a full-length human NF2 DNA using DNAx™ Immune technology.                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Technology              | <a href="#">DNAx™ Immune</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Immunogen               | Full-length human DNA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Sequence                | MAGAIASRMSFSSLKRKQPKTFTVRVTMDAEMEFNCEVKKQILDEKIYCPPEASVLLASYAVQAK<br>YGDYDPSVHKGFLAQEELLPKRVINLYQMTPEMWEERITAWYAEHRGRARDEAEMEYLKIAQDL<br>EMYGVNYFAIRNKKGTLELLGVDALGLHYDPENRLTPKISFPWNEIRNISYSDFEFTIKPLDKKIDVF<br>KFNSSKLRVNLILQLCIGNHDLFMRRRKADSLEVQQMKAQAREEKARKQMERQRLAREKQMRE<br>EAERTRDELERRLLQMKEEATMANEALMRSEETADLLAEKAQITEEEAKLLAQKAAEAQEMQRI<br>KATAIRTEEEKRLMEQKVLEAEVLALKMAEESERRAKEADQLKQDLQEAREARRAKQKLEIAT<br>KPTYPPMNIPIAPLPDIPSNLIGDSLSFDFKDTDMKRLSMEIEKEKVEYMEKSKHLQEQLNELK<br>TEIEALKLKERETALDILHNENSDRGGSSKHNTIKKPQAQGRPIC |
| Host                    | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Reactivity              | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Purification            | Protein A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 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

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

## Gene Info — NF2

Entrez GeneID [4771](#)

GeneBank Accession# [NM\\_181830.1](#)

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](#)
- [HIV Infections](#)
- [Meningeal Neoplasms](#)

- [Meningioma](#)
- [Neoplasms](#)
- [Nervous System Neoplasms](#)
- [Neurofibromatosis](#)
- [Neurofibromatosis 2](#)
- [Neuroma](#)
- [Pancreatic cancer](#)
- [Pancreatic Neoplasms](#)
- [Tobacco Use Disorder](#)