

## Rabbit NF2/Merlin Polyclonal Antibody | anti-NF2/Merlin antibody

NF2/Merlin Polyclonal Antibody

|                               |                       |                                        |                                     |
|-------------------------------|-----------------------|----------------------------------------|-------------------------------------|
| CATALOG #<br><b>AAA178659</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|-------------------------------------|

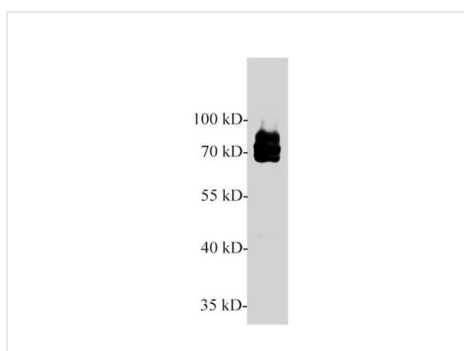
### PRODUCT SYNONYMS

NF2/Merlin; Polyclonal Antibody; NF2/Merlin Polyclonal Antibody; ACN; BANF; Merlin; Neurofibromin 2; neurofibromin 2 (merlin); NF2; SCH; Schwannomerlin; Schwannomin; anti-NF2/Merlin antibody

### PRODUCT SPECIFICATIONS

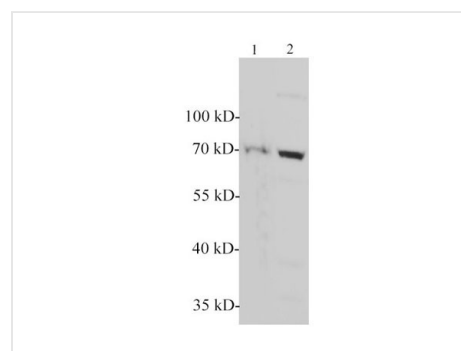
|                                                      |                                                                              |
|------------------------------------------------------|------------------------------------------------------------------------------|
| Host                                                 | Rabbit                                                                       |
| Reactivity                                           | Human, Mouse, Rat                                                            |
| Clonality                                            | Polyclonal                                                                   |
| Isotype                                              | IgG                                                                          |
| Purity/Purification                                  | Antigen Affinity Purification                                                |
| Form/Format                                          | PBS with 0.02% sodium azide, 50% glycerol, pH 7.4                            |
| Concentration                                        | 2.2mg/ml (varies by lot)                                                     |
| Applicable Applications for anti-NF2/Merlin antibody | WB (Western Blot)                                                            |
| Immunogen                                            | Recombinant Human NF2 protein expressed by E coli.                           |
| Research Area                                        | Cancer, Epigenetics and Nuclear Signaling, Neuroscience, Signal Transduction |
| Preparation and Storage                              | Storage: -20 degree C/One year. Avoid freeze/thaw cycles.                    |

### IMAGES



#### WB (Western Blot)

Western blot of PC-3 cell lysate with NF2 polyclonal antibody at 1:1000 dilution.



#### WB (Western Blot)

Western blotting with anti-NF2 polyclonal Antibody at dilution of 1:1000. Lane 1: Mouse brain lysates, lane 2: Rat brain lysate.

ADDITIONAL INFORMATION

|                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-NF2/Merlin antibody | Probable regulator of the Hippo/SWH (Sav/Wts/Hpo) signaling pathway,a signaling pathway that plays a pivotal role in tumor suppression by restricting proliferation and promoting apoptosis. Along with WWC1 can synergistically induce the phosphorylation of LATS1 and LATS2 and can probably function in the regulation of the Hippo/SWH (Sav/Wts/Hpo) signaling pathway. May act as a membrane stabilizing protein. May inhibit PI3 kinase by binding to AGAP2 and impairing its stimulating activity. Suppresses cell proliferation and tumorigenesis by inhibiting the CUL4A-RBX1-DDB1-VprBP/DCAF1 E3 ubiquitin-protein ligase complex. |
| Product Categories/Family for anti-NF2/Merlin antibody   | Antibodies; Primary Antibodies; Polyclonal Antibody                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                     |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 4557795                                                                                                                                                                                             |
| NCBI GeneID                      | 4771                                                                                                                                                                                                |
| NCBI Accession #                 | NP_000259.1                                                                                                                                                                                         |
| NCBI GenBank Nucleotide #        | NM_000268.3                                                                                                                                                                                         |
| UniProt Accession #              | P35240; O95683; Q8WUJ2; Q969N0; Q969Q3; Q96T30; Q96T31; Q96T32; Q96T33; Q9BTW3; Q9UNG9; Q9UNH3                                                                                                      |
| Molecular Weight                 | 69,690 Da                                                                                                                                                                                           |
| NCBI Official Full Name          | merlin isoform 1                                                                                                                                                                                    |
| NCBI Official Synonym Full Names | neurofibromin 2 (merlin)                                                                                                                                                                            |
| NCBI Official Symbol             | NF2                                                                                                                                                                                                 |
| NCBI Official Synonym Symbols    | ACN; SCH; BANF                                                                                                                                                                                      |
| NCBI Protein Information         | merlin; schwannomin; schwannomerlin; neurofibromin-2; moesin-ezrin-radixin like; moesin-ezrin-radixin-like protein; moesin-ezrin-radixin-like protein; neurofibromin 2 (bilateral acoustic neuroma) |
| UniProt Protein Name             | Merlin                                                                                                                                                                                              |
| UniProt Gene Name                | NF2                                                                                                                                                                                                 |
| UniProt Synonym Gene Names       | SCH                                                                                                                                                                                                 |
| UniProt Entry Name               | MERL_HUMAN                                                                                                                                                                                          |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.