

Datasheet for ABIN7448991  
**anti-Merlin antibody (C-Term)**



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## Overview

|                      |                                                                                      |
|----------------------|--------------------------------------------------------------------------------------|
| Quantity:            | 10 µg                                                                                |
| Target:              | Merlin (NF2)                                                                         |
| Binding Specificity: | C-Term                                                                               |
| Reactivity:          | Human                                                                                |
| Host:                | Rabbit                                                                               |
| Clonality:           | Polyclonal                                                                           |
| Conjugate:           | This Merlin antibody is un-conjugated                                                |
| Application:         | Immunohistochemistry (IHC), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

## Product Details

|                       |                                                                                                                                                                                                                          |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purpose:              | Rabbit anti-NF2 IHC Antibody, Affinity Purified                                                                                                                                                                          |
| Immunogen:            | Between AA 550 and C-term                                                                                                                                                                                                |
| Isotype:              | IgG                                                                                                                                                                                                                      |
| Predicted Reactivity: | Mouse,Rat,Bovine,Dog,Horse,Rabbit,Pig,Panda,Orangutan,Gorilla,Chinese hamster,White-tufted-ear marmoset,Olive baboon,African elephant,Northern white-cheeked gibbon,Ferret,Naked mole rat,Thirteen-lined ground squirrel |
| Purification:         | Affinity Purified                                                                                                                                                                                                        |

## Target Details

|         |              |
|---------|--------------|
| Target: | Merlin (NF2) |
|---------|--------------|

## Target Details

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Alternative Name: | NF2 ( <a href="#">NF2 Products</a> )                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Background:       | Background: Mutations in NF2 (neurofibromin 2) are associated with neurofibromatosis type II which is characterized by Schwann cell tumors (schwannomas) which are benign slow-growing tumors that are resistant to chemotherapeutic intervention. NF2 is a membrane/cytoskeletal associated protein that has been classified as a novel type of tumor suppressor due to its function in membrane organization versus a classic tumor suppressor function that regulates cell cycle machinery. |
| Gene ID:          | 4771                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| NCBI Accession:   | <a href="#">NP_000259</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| UniProt:          | <a href="#">P35240</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Pathways:         | <a href="#">Cell-Cell Junction Organization</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                |

## Application Details

|                    |                                            |
|--------------------|--------------------------------------------|
| Application Notes: | IHC-IF: 1:50 - 1:500<br>IHC: 1:100 - 1:500 |
| Restrictions:      | For Research Use only                      |

## Handling

|                    |                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------|
| Concentration:     | 100 µg/mL                                                                                                              |
| Buffer:            | Tris-buffered Saline containing 0.1 % BSA and 0.09 % Sodium Azide                                                      |
| Preservative:      | Sodium azide                                                                                                           |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage:           | 4 °C                                                                                                                   |
| Expiry Date:       | 12 months                                                                                                              |