



[Go to Product page](#)

Datasheet for ABIN7441928
anti-Merlin antibody (AA 30-311)

3 Images

Overview

| | |
|----------------------|--|
| Quantity: | 100 µL |
| Target: | Merlin (NF2) |
| Binding Specificity: | AA 30-311 |
| Reactivity: | Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This Merlin antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC) |

Product Details

| | |
|-------------------|--|
| Purpose: | Polyclonal Antibody to Neurofibromin 2 (NF2) |
| Immunogen: | Recombinant Neurofibromin 2 (NF2) corresponding to Asp30~Arg311 (Accession # P46662) |
| Isotype: | IgG |
| Specificity: | The antibody is a rabbit polyclonal antibody raised against NF2. It has been selected for its ability to recognize NF2 in immunohistochemical staining and western blotting. |
| Cross-Reactivity: | Human |
| Purification: | Antigen-specific affinity chromatography followed by Protein A affinity chromatography |

Target Details

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|-------------------|--|
| Target: | Merlin (NF2) |
| Alternative Name: | Neurofibromin 2 (NF2 Products) |
| Background: | ACN, BANF, SCH, Merlin, Bilateral Acoustic Neuroma, Schwannomin, Schwannomerlin, Moesin-Ezrin-Radixin-Like Protein |
| Pathways: | Cell-Cell Junction Organization |

Application Details

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|--------------------|---|
| Application Notes: | Western blotting: 0.5-2 µg/mL 1:300-1200 Immunohistochemistry: 5-20 µg/mL 1:30-120 Immunocytochemistry: 5-20 µg/mL 1:30-120 Optimal working dilutions must be determined by end user. |
| Comment: | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| Restrictions: | For Research Use only |

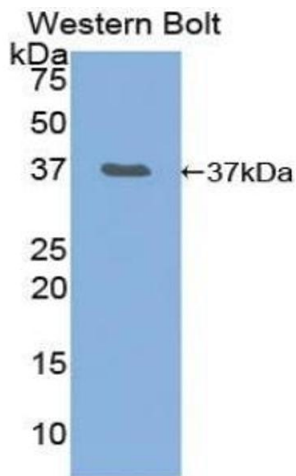
Handling

| | |
|--------------------|---|
| Format: | Liquid |
| Buffer: | PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol. |
| 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,-20 °C |
| Storage Comment: | Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. |
| Expiry Date: | 24 months |



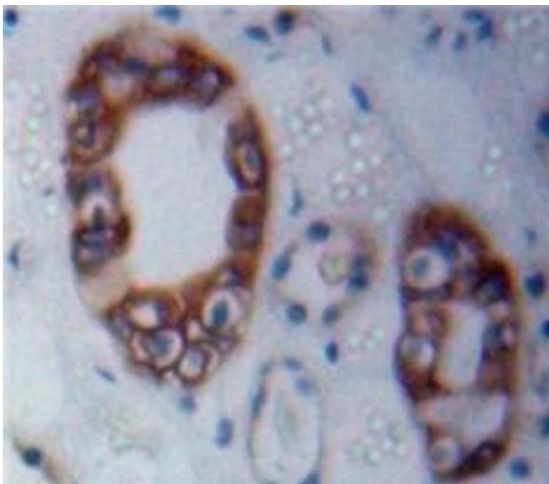
Western Blotting

Image 1. Detection of NF2 in Human Liver lysate using Polyclonal Antibody to Neurofibromin 2 (NF2)



Western Blotting

Image 2. Detection of Recombinant NF2, Mouse using Polyclonal Antibody to Neurofibromin 2 (NF2)



Immunohistochemistry

Image 3. #VALUE!