

Datasheet for ABIN7116811 **anti-Merlin antibody**



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	Merlin (NF2)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Merlin antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Immunoprecipitation (IP)

Product Details

Immunogen:	neurofibromin 2(merlin)
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	Merlin (NF2)
Alternative Name:	NF2 (NF2 Products)
Background:	Synonyms: SCH, ACN, BANF, Merlin, Neurofibromin 2, neurofibromin 2(merlin), NF2 Background: 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

Target Details

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.

Molecular Weight: 66-70 kDa

Gene ID: 4771

UniProt: [P35240](#)

Pathways: [Cell-Cell Junction Organization](#)

Application Details

Application Notes: WB: 1:500-1:2000, IP: 1:500-1:1000, IHC: 1:20-1:200, IF: 1:50-1:500

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

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: -20 °C

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months