

Datasheet for ABIN7159414
anti-Merlin antibody (AA 230-414) (Biotin)



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Overview

Quantity:	100 µg
Target:	Merlin (NF2)
Binding Specificity:	AA 230-414
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Merlin antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Merlin protein (230-414AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	Merlin (NF2)
Alternative Name:	NF2 (NF2 Products)
Background:	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.

Aliases: ACN antibody, BANF antibody, Bilateral acoustic neuroma antibody, MERL_HUMAN antibody, Merlin antibody, Moesin ezrin radixin like protein antibody, Moesin ezrin radixin like antibody, Moesin-ezrin-radixin-like protein antibody, Neurofibromatosis 2 antibody, Neurofibromatosis type 2 antibody, Neurofibromatosis2 antibody, Neurofibromin 2 antibody, Neurofibromin-2 antibody, Neurofibromin2 antibody, NF 2 antibody, Nf2 antibody, SCH antibody, Schwannomerlin antibody, Schwannomin antibody

UniProt: [P35240](#)

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

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.