

Rabbit Merlin Polyclonal Antibody | anti-NF2 antibody

Merlin Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285645	Rabbit	Human (Predicted Reactivity: Mouse, Rat)	Immunofluorescence, Immunohistochemistry, ELISA, Western Blot

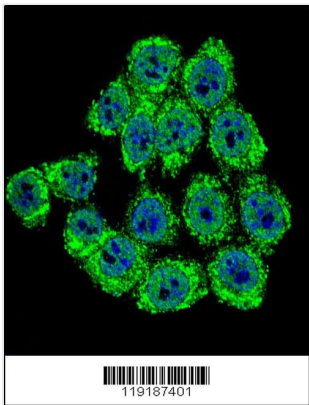
PRODUCT SYNONYMS

Merlin; Polyclonal Antibody; Merlin Antibody (N-term); Moesin-ezrin-radixin-like protein; Neurofibromin-2; Schwannomerlin; Schwannomin; NF2; SCH; anti-NF2 antibody

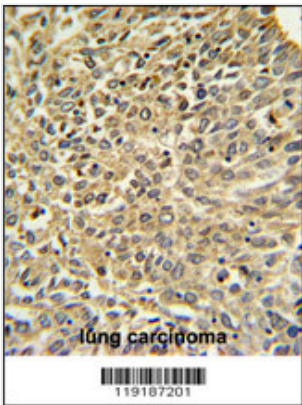
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Merlin antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 65-95 amino acids from the N-terminal region of human Merlin.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	65-95
Sequence Length	595
Applicable Applications for anti-NF2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

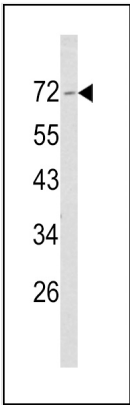
IMAGES



IF (Immunofluorescence)
Confocal immunofluorescent analysis of Merlin Antibody (N-term) with Hela cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



IHC (Immunohiostchemistry)
Merlin Antibody (N-term) IHC analysis in formalin fixed and paraffin embedded human lung carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the Merlin Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of Merlin Antibody (N-term) in NCI-H460 cell line lysates (35ug/lane). NF2 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-NF2 antibody	Merlin is similar to some members of the ERM (ezrin, radixin, moesin) family of proteins that are thought to link cytoskeletal components with proteins in the cell membrane. This protein has been shown to interact with cell-surface proteins, proteins involved in cytoskeletal dynamics and proteins involved in regulating ion transport.
Product Categories/Family for anti-NF2 antibody	Cancer; Neuroscience; Signal transduction
References	James,M.F., et.al., Mol. Cell. Biol. 29 (15), 4250-4261 (2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557795
NCBI GeneID	4771
NCBI Accession #	NP_000259.1; NP_057502.2; NP_861546.1; NP_861966.1; NP_861967.1; NP_861968.1; NP_861969.1; NP_861970.1; NP_861971.1
NCBI GenBank Nucleotide #	NM_000268.3
UniProt Accession #	P35240; O95683; Q8WUJ2; Q969N0; Q969Q3; Q96T30; Q96T31; Q96T32; Q96T33; Q9BTW3; Q9UNG9; Q9UNH3

Molecular Weight	69690
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
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/merlin-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/285645>