

Rabbit anti-Human, Mouse NF2 / Merlin Polyclonal Antibody | anti-NF2 antibody

Rabbit Polyclonal to Human NF2 / Merlin

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA50741	Rabbit	Human, Mouse	ELISA, Immunoprecipitation, Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

NF2 / Merlin; Polyclonal Antibody; Rabbit Polyclonal to Human NF2 / Merlin; Anti-NF2 / Merlin Antibody (phospho-Ser518) IHC-plus; NF2; ACN; BANF; Moesin-ezrin-radixin like; Neurofibromin 2 (merlin); Neurofibromin-2; SCH; Merlin; Schwannomerlin; Schwannomin; Human NF2; anti-NF2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	Human NF2 (Merlin) phospho-peptide corresponding to a region of the human protein surrounding S518 and conjugated to Keyhole Limpet Hemocyanin (KLH).
Purity/Purification	Immunoaffinity Purified
Form/Format	0.02 M potassium phosphate, 0.15 M sodium chloride, pH 7.2, 0.01% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	595
Applicable Applications for anti-NF2 antibody	ELISA, IP (Immunoprecipitation), WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Antigen Modification	pSer518
Preparation and Storage	Store at -20 degree C or lower. Aliquot to avoid repeated freezing and thawing.

IMAGES



WB (Western Blot)

Anti-Human NF2 (Merlin) pS518 Antibody - Western Blot. Affinity purified phospho-specific antibody to NF2 (Merlin) at pS518 was used at a 1:1000 dilution to detect NF2 by Western blot. Approximately 12 ul of a mouse cardiac myocyte lysate was loaded per lane on a 4-20% Criterion gel for SDS-PAGE. Samples were either mock treated (lane 1) or CLA treated at 4nM, 20 nM or 100 nM (lanes 2, 3 and 4 respectively) for 45. After washing, a 1:5000 dilution of HRP conjugated Gt-a-Rabbit IgG preceded color development using Amersham substrate system. Other detection methods will yield similar results.



IHC (Immunohistochemistry)

Anti-NF2 antibody IHC of human brain, cortex. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-NF2 antibody	Mutations linked to neurofibromatosis type 2 led to the identification of NF2. NF2 encodes a protein related to the cytoskeletal components moesin, ezrin, and radixin, and was thus named merlin.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557795
NCBI GeneID	4771
NCBI Accession #	NP_000259.1
NCBI GenBank Nucleotide #	NM_000268.3
UniProt Accession #	P35240; O95683; Q8WUJ2; Q969N0; Q969Q3; Q96T30; Q96T31; Q96T32; Q96T33; Q9BTW3; Q9UNG9; Q9UNH3
Molecular Weight	24,515 Da
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; schwannomin; schwannomerlin; neurofibromin-2; moesin-ezrin-radixin like; moesin-ezrin-radixin-like protein; moesin-ezrin-radixin-like protein; neurofibromin 2 (bilateral acoustic neuroma)
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/nf2-merlin-antibody-immunoprecipitation-western-blot-immunohistochemistry-elisa/50741>