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Product datasheet for TA319136

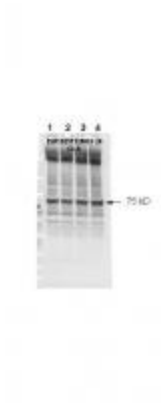
NF2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1:1,200,000, WB: 1:500- 1:2,000, IHC: User Optimized
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Human NF2 (Merlin) phospho-peptide corresponding to a region of the human protein surrounding S518 and conjugated to Keyhole Limpet Hemocyanin (KLH).
Formulation:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	neurofibromin 2 (merlin)
Database Link:	NP_000259 Entrez Gene 18016 MouseEntrez Gene 4771 Human P35240
Synonyms:	ACN; BANF; SCH
Note:	The recently isolated neurofibromatosis 2 tumor suppressor gene encodes a 595 amino acid protein (Merlin). The protein product Merlin, named for its relatedness to the ezrin, radixin and moesin (ERM) family of proteins, is a tumor suppressor whose absence results in the occurrence of multiple tumors of the nervous system, particularly schwannomas and meningiomas. Merlin's similarity to ERM's suggests that it might share functions, acting as a link between cytoskeletal components and the cell membrane. The NF2 protein is highly expressed in human fibroblasts and is detected as a single band of about 75kDa. This antibody is specific for the phosphorylated form of human NF2 (Merlin).
Protein Families:	Druggable Genome

View online »

Product images:



Phospho-specific antibody to NF2 (Merlin) at pS518 was used at a 1:1000 dilution to detect NF2 by WB. 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 1:5,000 dilution of HRP conjugated Gt-a-Rabbit IgG preceded color development using Amersham's substrate system.