

Datasheet for ABIN1531906
anti-Merlin antibody (pSer518)



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1 Image

Overview

Quantity:	100 µL
Target:	Merlin (NF2)
Binding Specificity:	AA 485-534, pSer518
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Merlin antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human Merlin around the phosphorylation site of Ser518.
Isotype:	IgG
Specificity:	Merlin (Phospho-Ser518) Antibody detects endogenous levels of Merlin only when phosphorylated at Ser518. PhosphorylationH:S518 M:S518 R:S514
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Purity:	> 95 %

Target Details

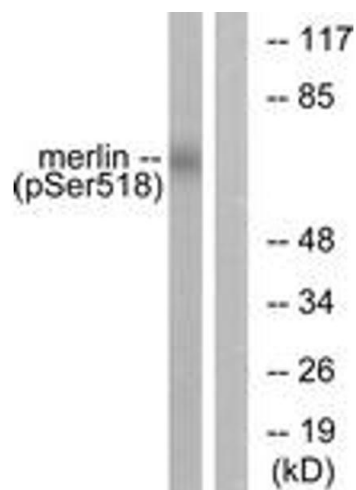
Target:	Merlin (NF2)
Alternative Name:	Merlin (NF2 Products)
Background:	Synonyms: MERL, moesin-ezrin-radizin-like protein, neurofibromatosis type 2 gene, neurofibromatosis-2, Neurofibromin 2, NF-2, NF2, SCH, Schwannomerlin, schwannomerlin, Schwannomin NCBI Gene Symbol: NF2
Molecular Weight:	69 kDa
Gene ID:	4771
OMIM:	101000
UniProt:	P35240
Pathways:	Cell-Cell Junction Organization

Application Details

Application Notes:	WB: 1:500~1:1000 ELISA: 1:4000
Comment:	Unigene-Number: Hs.187898 (NCBI Gene Symbol: NF2)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of extracts from HuvEc cells treated with IFN-alpha 1000U/ml 18h, using Merlin (Phospho-Ser518) Antibody. The lane on the right is treated with the synthesized peptide.