

Rabbit Anti-NF2 Polyclonal Antibody

CPB-794RH Rabbit(NF2)

Lot. No. (See product label)

PRODUCT INFORMATION

Product Overview	Rabbit Anti-NF2 Polyclonal Antibody
Antigen Description	Probable regulator of the Hippo/SWH (SavM/ts/Hpo) signaling pathway, a signaling pathway that plays a pivotal role in tumor suppression by restricting proliferation and 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 (SavM/ts/Hpo) signaling pathway. May act as a membrane stabilizing protein. May inhibit P13 kinase by binding to AGAP2 and impairing its stimulating activity.
specificity	The antibody detects endogenous level of NF2 only when phosphorylated at serine 518.
Target	NF2
Immunogen	Peptide sequence around phosphorylation site of serine 518 (R-L-S(p)-M-E) derived from Human NF2.
Host	Rabbit
Species	Human
Cross Reactivity	Human; Mouse; Rat
conjugation	N/A
Applications	IFA, WB

PACKAGING

Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C/ 1year

ANTIGEN GENE INFORMATION

Gene Name	NF2 neurofibromin 2 (merlin) [Homo sapiens]
Official Symbol	NF2
Synonyms	NF2; neurofibromin 2 (merlin); neurofibromin 2 (bilateral acoustic neuroma); merlin; moesin ezrin radixin like; schwannomin; schwannomerlin; neurofibromin-2; moesin-ezrin-radixin like; moesin-ezrin-radixin-like protein; moesin-ezrin-radixin-like protein; ACN; SCH; BANF;
GeneID	4771
mRNA Refseq	NM_000268
Protein Refseq	NP_000259
MIM	607379
UniProt ID	P35240
Chromosome Location	22q12.2
Pathway	ErbB2/ErbB3 signaling events, organism-specific biosystem;

Function cytoskeletal protein binding; protein binding;