

bs-3291R**[Primary Antibody]**

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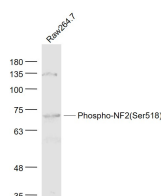
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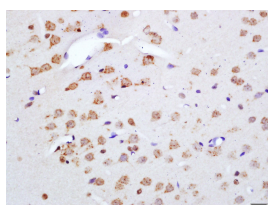
400-901-9800

Phospho-NF2 (Ser518) Rabbit pAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		IHC-P (1:100-500)
GeneID: 4771	SWISS: P35240	IHC-F (1:100-500)
Target: Phospho-NF2 (Ser518)		IF (1:100-500)
Immunogen: KLH conjugated Synthesised phosphopeptide derived from human Merlin around the phosphorylation site of Ser518: RL(p-S)ME.		Reactivity: Mouse, Rat (predicted: Human, Rabbit, Pig, Cow, Chicken, Dog, Horse)
Purification: affinity purified by Protein A		Predicted MW.: 70 kDa
Concentration: 1mg/ml		Subcellular Location: Cell membrane ,Nucleus
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: Neurofibromin 2 (NF2) is a tumor suppressor gene encoding the protein Merlin. Merlin is closely related to the ERM (ezrin, radixin, moesin) family of proteins. The precise function of Merlin is not clear. It is thought to provide a link between the actin cytoskeleton and membrane associated proteins, playing a role in transduction of extracellular signals. It has been implicated in cell proliferation and cellular motility. Mutations in the NF2 gene cause neurofibromatosis type II, a condition characterised by the development of tumors in the central nervous system.		

— VALIDATION IMAGES —

Sample: Raw264.7(Mouse) Cell Lysate at 30 ug
 Primary: Anti- Phospho-NF2(Ser518) (bs-3291R)
 at 1/1000 dilution Secondary: IRDye800CW Goat
 Anti-Rabbit IgG at 1/20000 dilution Predicted
 band size: 70 kD Observed band size: 70 kD



Tissue/cell: rat brain tissue; 4%
 Paraformaldehyde-fixed and paraffin-
 embedded; Antigen retrieval: citrate buffer (
 0.01M, pH 6.0), Boiling bathing for 15min; Block
 endogenous peroxidase by 3% Hydrogen
 peroxide for 30min; Blocking buffer (normal goat
 serum,C-0005) at 37°C for 20 min; Incubation:
 Anti-Phospho-NF2 (Ser518) Polyclonal Antibody,
 Unconjugated(bs-3291R) 1:200, overnight at 4°C,
 followed by conjugation to the secondary
 antibody(SP-0023) and DAB(C-0010) staining