

bs-4140R**[Primary Antibody]**

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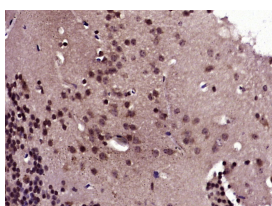
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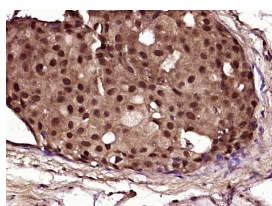
400-901-9800

NF1 Rabbit pAb**— DATASHEET —**

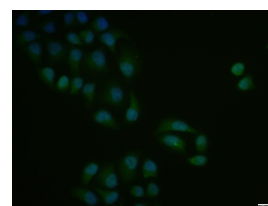
Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Flow-Cyt (1µg/Test) ICC/IF (1:100) Reactivity: Human, Mouse (predicted: Rat, Rabbit, Dog, Horse) Predicted MW.: 147/319 kDa Subcellular Location: Nucleus
Clonality: Polyclonal		
GeneID: 4763	SWISS: P21359	
Target: NF1		
Immunogen: KLH conjugated synthetic peptide derived from human Neurofibromin 1: 2701-2839/2839.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
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 is a product of the tumor suppressor gene, Neurofibromatosis type I. Neurofibromin is known to have GTPase activity that modulates the ras pathway. The absence of or alteration of the neurofibromin protein may lead to Neurofibromatosis disease. This protein has not been purified, therefore, most of the information regarding this protein has been deduced from homology analysis of its gene sequence.		

— VALIDATION IMAGES —

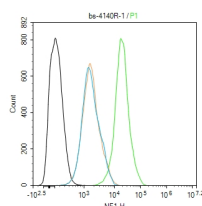
Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (NF1) Polyclonal Antibody, Unconjugated (bs-4140R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Human breast carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (NF1) Polyclonal Antibody, Unconjugated (bs-4140R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Hela cell; 4% Paraformaldehyde-fixed; Triton X-100 at room temperature for 20 min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Antibody incubation with (NF1) polyclonal Antibody, Unconjugated (bs-4140R) 1:100, 90 minutes at 37°C; followed by a conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue, C02-04002) was used to stain the cell nuclei.

**— SELECTED CITATIONS —**

- **[IF=6.4]** Wang Kai. et al. Peripheral nerve-derived CSF1 induces BMP2 expression in macrophages to promote nerve

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

regeneration and wound healing. NPJ REGEN MED. 2024 Nov;9(1):1-13 IF ;Mouse,Rat. 39572537