

Anti-NF1 Polyclonal Antibody

Product Details

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| Ig Type: | IgG |
| Reactivity: | Human, Mouse (predicted: Rat, Dog, Horse, Rabbit) |
| Molecular Weight: | Theoretical: 147/319 kDa. |
| Purification: | Protein A purified |

Applications

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| Verified Activity: | <p>1. HeLa cell; 4% Paraformaldehyde-fixed; Triton X-100 at room temperature for 20 min; Blocking buffer (normal goat serum) at 37°C for 20 min; Antibody incubation with (NF1) polyclonal Antibody, Unconjugated (TMAB-09420) 1:100, 90 minutes at 37°C; followed by a conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue) was used to stain the cell nuclei.</p> <p>2. Paraformaldehyde-fixed, paraffin embedded (Human breast carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (NF1) Polyclonal Antibody, Unconjugated (TMAB-09420) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.</p> <p>3. Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (NF1) Polyclonal Antibody, Unconjugated (TMAB-09420) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.</p> |
| Application: | IHC-P, IHC-Fr, ICC/IF, IF, FCM |
| Recommended | IHC-P: 1:100-500; IHC-Fr: 1:100-500; ICC/IF: 1:100-500; IF: 1:100-500; FCM: 1µg/Test |

Properties

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| Stability & Storage: | Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. |
| Shipping: | Shipping with blue ice. |

Antigen Details

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| Immunogen: | KLH conjugated synthetic peptide: human Neurofibromin 1 |
| Antigen Species: | Human |
| Gene ID: | 4763 |
| Uniprot ID: | P21359 |

Research 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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