

Anti-Human/Mouse/Rat NF1 Polyclonal Antibody

Polyclonal Antibody

Cat.NO.: PA05265

3th Edition

Description: This gene product appears to function as a negative regulator of the ras signal transduction pathway. Mutations in this gene have been linked to neurofibromatosis type 1, juvenile myelomonocytic leukemia and Watson syndrome. The mRNA for this gene is subject to RNA editing (CGA>UGA->Arg1306Term) resulting in premature translation termination. Alternatively spliced transcript variants encoding different isoforms have also been described for this gene. NF1 (Neurofibromin 1) is a Protein Coding gene. Diseases associated with NF1 include Neurofibromatosis-Noonan Syndrome and Neurofibromatosis, Type 1. Among its related pathways are Development VEGF signaling via VEGFR2 - generic cascades and RET signaling. GO annotations related to this gene include binding and phosphatidylcholine binding.

Antigen: Synthesized peptide derived from the Internal region of human Neurofibromin

Form:

How to use: 1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution: PBS (pH7.4) containing 1% BSA

Application: This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity: Detected in brain, peripheral nerve, lung, colon and muscle.