Anti-NF1GRP

Cat #: HM1235
Rabbit polyclonal IgG
0.2 μg/μl, store at 4 °C

For research use only

BACKGROUND
Neurofibromatosis type 1 (NF1), or von Recklinghausen neurofibromatosis, is one of the most common autosomal dominant disorders in humans. The NF1 transcript encodes the 220 kDa Neurofibromin (NF1GRP) protein, which is abundantly expressed in the nervous system. Alterations in the function of neurofibromin may contribute to vascular neurofibromatosis, an autosomal dominant disorder. By sequence analysis, similarity has been demonstrated within a small region of neurofibromin and members of the RasGAP gene family. Functionally, neurofibromin was shown by biochemical analysis involving RasGAP hydrolysis and functional complementation in yeast to further resemble GAP protein. In addition to type 1 neurofibromatosis, mutations in NF1 can also lead to juvenile myelomonocytic leukemia.

SPECIFICITY
This antibody is recommended for the detection of Neurofibromin (NFGRP) of mouse, rat and human origin by Western blotting, immunoprecipitation and immunohistochemistry.

Recommended dilution for Western blotting: 1:1000. Molecular Weight of NF1GRP: 250 kDa. Western blotting positive control: A-431 cell lysate.

IMMUNOGEN
Recombinant protein corresponding to the carboxy terminal domain of the human NF1GRP.

STORAGE
This antibody is stable for 12 months when stored at 2-8°C.

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