

Recombinant Anti-NF-1B Rabbit mAb

Catalog # AP95181

Product Information

Application	WB, IHC, FC, IP, IF/IC
Primary Accession	O00712
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal
Calculated MW	47442

Additional Information

Gene ID	4781
Other Names	Nuclear factor 1 B-type; NF1-B; Nuclear factor 1/B; CCAAT-box-binding transcription factor; CTF; Nuclear factor I/B; NF-I/B; NFI-B; TGGCA-binding protein
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within human NF-1B protein. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500 FC~~1:10~50 IP~~N/A IF/IC~~N/A
Format	Liquid in PBS, pH 7.3, 50% glycerol, 0.05% BSA, and 0.05% Proclin300.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

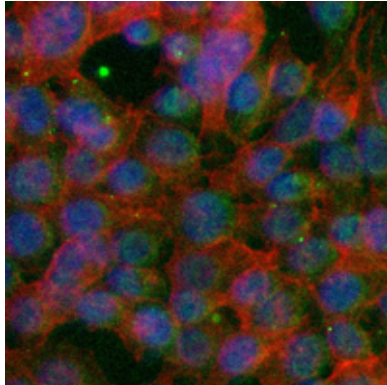
Name	NF1B
Function	Transcriptional activator of GFAP, essential for proper brain development (PubMed: 30388402). Recognizes and binds the palindromic sequence 5'-TTGGCNNNNNGCCAA-3' present in viral and cellular promoters and in the origin of replication of adenovirus type 2. These proteins are individually capable of activating transcription and replication.
Cellular Location	Nucleus.

Images

Western blot analysis of NF-1B expression in NIH3T3 (A) whole cell lysates. (Predicted band size: 47 kD; Observed



band size: 47 kD)



Immunofluorescent analysis of NF-1B staining in NIH3T3 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with an AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

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