



# NF-1C Monoclonal Antibody

|                                    |                                                                                                                                                                                                                                                                                                                                                                                                   |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                  | YP-Ab-01048                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Reactivity</b>                  | Human;Mouse;Rat;Bovine;Chicken;Pig                                                                                                                                                                                                                                                                                                                                                                |
| <b>Applications</b>                | WB                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Gene Name</b>                   | NFIC                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Immunogen</b>                   | Purified recombinant human NF-1C protein fragments expressed in E.coli.                                                                                                                                                                                                                                                                                                                           |
| <b>Specificity</b>                 | NF-1C Monoclonal Antibody detects endogenous levels of NF-1C protein.                                                                                                                                                                                                                                                                                                                             |
| <b>Formulation</b>                 | Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol.                                                                                                                                                                                                                                                                      |
| <b>Source</b>                      | Monoclonal, Mouse                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Purification</b>                | Affinity purification                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Dilution</b>                    | Western Blot: 1/1000 - 1/2000. Not yet tested in other applications.                                                                                                                                                                                                                                                                                                                              |
| <b>Concentration</b>               | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Purity</b>                      | ≥90%                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Storage Stability</b>           | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Synonyms</b>                    | NFI-C;NF-I/C;NF1-C;NF I;CTF;NFIC;Nuclear factor 1 C-type;NFI;Nuclear factor 1/C;CCAAT-box-binding transcription factor;Nuclear factor I/C;TGGCA-binding protein                                                                                                                                                                                                                                   |
| <b>Observed Band</b>               |                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Calculated Molecular Weight</b> |                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Cell Pathway</b>                | Nucleus.                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Tissue Specificity</b>          | Epithelium,Uterus,                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Function</b>                    | function: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.,similarity:Belongs to the CTF/NF-I family.,similarity:Contains 1 CTF/NF-I DNA-binding domain.,subunit:Binds DNA as a homodimer., |
| <b>Background</b>                  | The protein encoded by this gene belongs to the CTF/NF-I family. These are dimeric DNA-binding proteins, and function as cellular transcription factors and as replication factors for adenovirus DNA replication. Alternatively spliced transcript variants encoding different isoforms have been described for this                                                                             |



gene. [provided by RefSeq, Oct 2011],

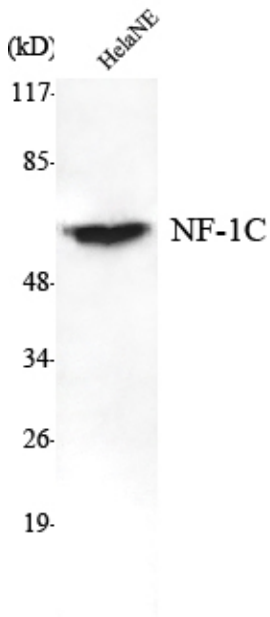
**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western Blot analysis using NF-1C Monoclonal Antibody against HeLa nuclear extract.