



## NF-1 Monoclonal Antibody

| Catalog No         | BYmab-01896   |
|--------------------|---|
| Isotype            | IgG   |
| Reactivity         | Human;Mouse;Rat   |
| Applications       | WB  |
| Gene Name          | NFIA  |
| Protein Name       | Nuclear factor 1 A-type   |
| Immunogen          | The antiserum was produced against synthesized peptide derived from human Nuclear Factor 1. AA range:11-60  |
| Specificity        | NF-1 Monoclonal Antibody detects endogenous levels of NF-1 protein.   |
| Formulation        | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.   |
| Source             | Monoclonal, Mouse,IgG   |
| Purification       | The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.  |
| Dilution           | WB 1:500-2000   |
| Concentration      | 1 mg/ml   |
| Purity             | ≥90%  |
| Storage Stability  | -20°C/1 year  |
| Synonyms           | NFIA; KIAA1439; Nuclear factor 1 A-type; NF1-A; Nuclear factor 1/A; CCAAT-box-binding transcription factor; CTF; Nuclear factor I/A; NF-I/A; NFI-A; TGGCA-binding protein; NFIB; Nuclear factor 1 B-type; NF1-B; Nuclear factor 1/B; CCAAT-box-b  |
| Observed Band      | 55kD  |
| Cell Pathway       | Nucleus.  |
| Tissue Specificity | Brain,Epithelium,Skeletal muscle,Testis,  |
| Function           | 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 caMABle of activating transcription and replication.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Belongs to the CTF/NF-I family.,similarity:Contains 1 CTF/NF-I DNA-binding domain.,subunit:Binds DNA as a homodimer., |

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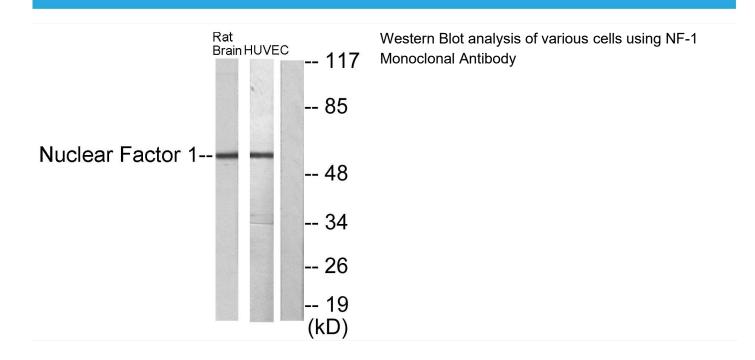
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| Background                | This gene encodes a member of the NF1 (nuclear factor 1) family of transcription factors. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2011], |
|---------------------------|---|
| 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**



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