

USF1 Rabbit mAb

Catalog # AP76761

Product Information

| | |
|--------------------------|------------------------|
| Application | WB, FC |
| Primary Accession | P22415 |
| Reactivity | Rat, Human, Mouse |
| Host | Rabbit |
| Clonality | Monoclonal Antibody |
| Isotype | IgG |
| Conjugate | Unconjugated |
| Purification | Affinity Purified |
| Calculated MW | 33538 |

Additional Information

| | |
|--------------------|---|
| Gene ID | 7391 |
| Other Names | USF1 |
| Dilution | WB~~1:1000 FC~~1:10~50 |
| Format | Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA. |
| Storage | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |

Protein Information

| | |
|--------------------------|--|
| Name | USF1 |
| Synonyms | BHLHB11, USF |
| Function | Transcription factor that binds to a symmetrical DNA sequence (E-boxes) (5'-CACGTG-3') that is found in a variety of viral and cellular promoters. |
| Cellular Location | Nucleus. |

Background

This gene encodes a member of the basic helix-loop-helix leucine zipper family, and can function as a cellular transcription factor. The encoded protein can activate transcription through pyrimidine-rich initiator (Inr) elements and E-box motifs. This gene has been linked to familial combined hyperlipidemia (FCHL). Alternative splicing of this gene results in multiple transcript variants. A related pseudogene has been

defined on chromosome 21.

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