

USF1 (Phospho Thr153) rabbit pAb

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| Catalog No : | YP1746 |
| Reactivity : | Human;Mouse;Rat |
| Applications : | WB |
| Target : | USF1 |
| Gene Name : | USF1 BHLHB11 USF |
| Protein Name : | USF1 (Phospho-Thr153) |
| Human Gene Id : | 7391 |
| Human Swiss Prot No : | P22415 |
| Mouse Gene Id : | 22278 |
| Mouse Swiss Prot No : | Q61069 |
| Immunogen : | Synthesized peptide derived from human USF1 (Phospho-Thr153) |
| Specificity : | This antibody detects endogenous levels of USF1 (Phospho-Thr153) at Human, Mouse,Rat |
| Formulation : | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Source : | Polyclonal, Rabbit,IgG |
| Dilution : | WB 1:500-2000 |
| Purification : | The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen. |
| Concentration : | 1 mg/ml |
| Storage Stability : | -15°C to -25°C/1 year(Do not lower than -25°C) |

Molecularweight : 34kD

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. [provided by RefSeq, Feb 2013],

Function : disease:Genetic variations in USF1 are associated with combined hyperlipidemia type 1 (HYPLIP1) [MIM:602491]; also known as familial combined hyperlipidemia type 1 (FCHL1). HYPLIP1 is characterized by elevated levels of serum total cholesterol, triglycerides or both, and is observed in about 20% of individuals with premature coronary heart disease.,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.,similarity:Contains 1 basic helix-loop-helix (bHLH) domain.,subunit:Efficient DNA binding requires dimerization with another bHLH protein. Binds DNA as an homodimer or a heterodimer (USF1/USF2). Interacts with varicella-zoster virus IE62 protein.,

Subcellular Location : Nucleus.

Expression : Kidney,

Tag : orthogonal

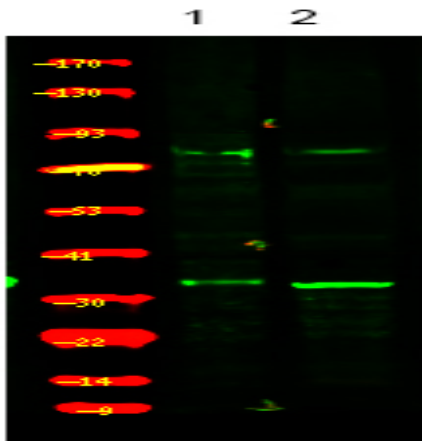
Sort : 25225

No4 : 1

Host : Rabbit

Modifications : Phospho

Products Images



Western Blot analysis of 1 HeLa cell, 2 LPS 100ng/mL 30min treated ,using primary antibody at 1:1000 dilution. Secondary antibody(catalog#:RS23920) was diluted at 1:10000