
Product Name: USF1 (Phospho-Thr153) Rabbit Polyclonal Antibody**Catalog #: APRab06108**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB
Reactivity	Human, Mouse, Rat
Conjugation	Unconjugated
Modification	Phosphorylated
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000
Molecular Weight	34kDa

Antigen Information

Gene Name	USF1
Alternative Names	Upstream stimulatory factor 1 (Class B basic helix-loop-helix protein 11) (bHLHb11) (Major late transcription factor 1)
Gene ID	7391.0
SwissProt ID	P22415
Immunogen	Synthesized peptide derived from human USF1 (Phospho-Thr153)

Background

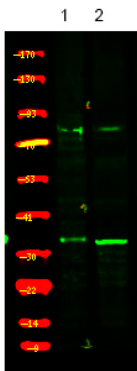
disease:Genetic variations in USF1 are associated with combined hyperlipidemia type 1 (HYPLIP1) [MIM:602491]; also known as

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.,

Research Area

Epigenetics and Nuclear Signaling

Image Data



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