

# USF1 (Phospho Thr153) Rabbit pAb

CatalogNo: YP1746 Orthogonal Validated 

## Key Features

### Host Species

- Rabbit

### Reactivity

- Human, Mouse, Rat

### Applications

- WB

### MW

- 34kD (Calculated)

### Isotype

- IgG

## Storage

**Storage\*** -15°C to -25°C/1 year (Do not lower than -25°C)

**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

## Recommended Dilution Ratios

WB 1:500-2000

## Basic Information

**Clonality** Polyclonal

## Immunogen Information

**Immunogen** Synthesized peptide derived from human USF1 (Phospho-Thr153)

**Specificity** This antibody detects endogenous levels of USF1 (Phospho-Thr153) at Human, Mouse, Rat. The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites): QAtPP

## Target Information

**Gene name** USF1 BHLHB11 USF

**Protein Name** USF1 (Phospho-Thr153)

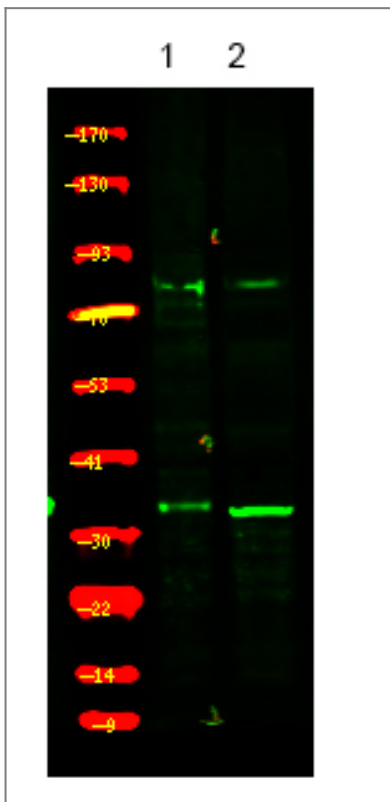
Organism	Gene ID	UniProt ID
Human	<a href="#">7391</a> ;	<a href="#">P22415</a> ;
Mouse	<a href="#">22278</a> ;	<a href="#">Q61069</a> ;

**Cellular Localization** Nucleus.

**Tissue specificity** Kidney,

**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 a homodimer or a heterodimer (USF1/USF2). Interacts with varicella-zoster virus IE62 protein.,

## Validation Data



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

## | Contact information

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**USF1 (Phospho Thr153) Rabbit pAb**

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