

Product name:	USF1 (Phospho-Thr153) Rabbit Polyclonal Antibody
Cat number:	ABN06108
Conjugate:	Unconjugated
Size:	100µL
Clone:	Polyclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	Synthesized peptide derived from human USF1 (Phospho-Thr153)
Reactivity:	Human, Mouse, Rat
Applications:	WB 1:500-1:2000
Molecular Weight:	34kDa
Purification:	Affinity purification
Form:	Liquid
Buffer:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
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.,