Product Data Sheet:
USF-2 Rabbit Polyclonal Antibody

Cat. No:	ABN19657
Conjugate:	Unconjugated
Size:	100µL
Clone:	Polyclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	The antiserum was produced against synthesized peptide derived from human USF2. AA range:196-245
Reactivity:	Human,Mouse,Rat
Applications:	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:10000-1:20000
Molecular Weight:	40kDa
Purification:	Affinity purification
Synonyms:	USF2; BHLHB12; Upstream stimulatory factor 2; Class B basic helix-loop-helix protein 12; bHLHb12; FOS-interacting protein; FIP; Major late transcription factor 2; Upstream transcription factor 2
Background:	This gene encodes a member of the basic helix-loop-helix leucine zipper family of transcription factors. The encoded protein can activate transcription through pyrimidine-rich initiator (Inr) elements and E-box motifs and is involved in regulating multiple cellular processes. [provided by RefSeq, Mar 2016],alternative products:Additional isoforms seem to exist,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:Interacts with MAF (By similarity). Efficient DNA binding requires dimerization with another bHLH protein. Binds DNA as an homodimer or a heterodimer (USF1/USF2). In vivo, the USF1/USF2A heterodimer represents over 66% of the usf binding activity whereas the USF1 and USF2A homodimers represent less than 10%. The USF1/USF2B heterodimer accounted for almost 15% in some cell.,tissue specificity:Ubiquitous.,
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.

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