

Recombinant USF1 Monoclonal Antibody

catalog number: **AN301925L**

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

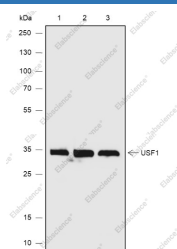
Reactivity	Human;Mouse;Rat
Immunogen	A synthetic peptide of human USF1
Host	Rabbit
Isotype	Rabbit IgG
Clone	C131546
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications

Recommended Dilution

WB	1:2000-1:20000
FCM	1:10-1:100

Data



Western Blot with USF1 Monoclonal Antibody at dilution of 1:1000. Lane 1: HeLa, Lane 2: Jurkat, Lane 3: K562

Observed-MW:34 kDa

Calculated-MW: 34 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

Upstream stimulatory factor 1 (USF1), also name Class B basic helix-loop-helix protein. It is a major late transcription factor. USF1 is 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. USF1 has been linked to familial combined hyperlipidemia (FCHL). The USF1 exists two isoform and the calculated molecular weight of USF1 is a 32 kDa and 27 kDa. USF1 has acetylated form and phosphorylated form, so the molecular weight of USF1 can migrate to about 40 kDa.

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