

USF1 Monoclonal antibody

Catalog Number: 67114-1-Ig

Basic Information

Catalog Number:

67114-1-Ig

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG17785

GenBank Accession Number:

BC035505

GeneID (NCBI):

7391

UNIPROT ID:

P22415

Full Name:

upstream transcription factor 1

Calculated MW:

34 kDa

Observed MW:

38-43 kDa

Purification Method:

Protein G purification

CloneNo.:

1C8F1

Recommended Dilutions:

WB 1:2000-1:10000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human, mouse, rat

Positive Controls:

WB : HeLa cells, HEK-293 cells, HT-29 cells, K-562 cells, HSC-T6 cells, NIH/3T3 cells, Jurkat cells, PC-12 cells, 4T1 cells

Background Information

Upstream stimulatory factor 1 (USF1), also name Class B basic helix-loop-helix protein 11. It is a major late transcription factor 1. 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 an acetylated form and phosphorylated form, so the molecular weight of USF1 can migrate to about 40 kDa

Storage

Storage:

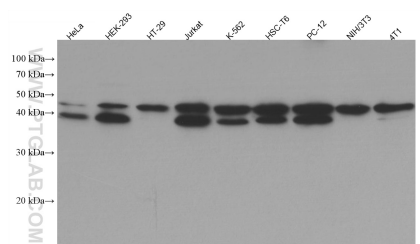
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67114-1-Ig (USF1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.