

For Research Use Only

USF1 Monoclonal antibody

Catalog Number: 67114-1-Ig



Basic Information

Catalog Number: 67114-1-Ig	GenBank Accession Number: BC035505	Purification Method: Protein G purification
Size: 150ul , Concentration: 1000 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 7391	CloneNo.: 1C8F1
Source: Mouse	Full Name: upstream transcription factor 1	Recommended Dilutions: WB 1:2000-1:10000
Isotype: IgG1	Calculated MW: 34 kDa	
Immunogen Catalog Number: AG17785	Observed MW: 38-43 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls:
Species Specificity: Human, mouse, rat	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 acetylated form and phosphorylated form, so the molecular weight of USF1 can migrate to about 40 kDa

Storage

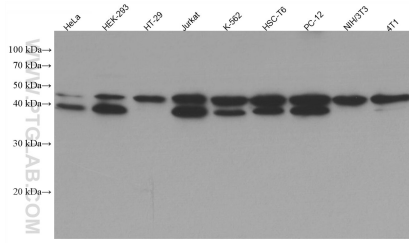
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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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.