

For Research Use Only

USF1 Monoclonal antibody, PBS Only



Catalog Number: 67114-1-PBS

Basic Information

Catalog Number: 67114-1-PBS	GenBank Accession Number: BC035505	Purification Method: Protein G purification
Size: 1 mg/ml	GeneID (NCBI): 7391	CloneNo.: 1C8F1
Source: Mouse	UNIPROT ID: P22415	
Isotype: IgG1	Full Name: upstream transcription factor 1	
Immunogen Catalog Number: AG17785	Calculated MW: 34 kDa	
	Observed MW: 38-43 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
Human, mouse, rat

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 -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:

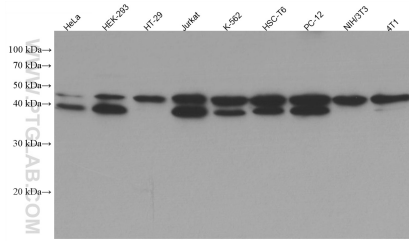
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E: Proteintech-CN@ptglab.com

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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. This data was developed using the same antibody clone with 67114-1-PBS in a different storage buffer formulation.