

ARG54997 anti-USF1 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody recognizes USF1
Tested Reactivity	Hu
Tested Application	WB
Host	Mouse
Clonality	Monoclonal
Clone	1264CT170.274.14
Isotype	IgG1
Target Name	USF1
Species	Human
Immunogen	Recombinant protein corresponding to aa. 1-310 of Human USF1.
Conjugation	Un-conjugated
Alternate Names	HYPLIP1; FCHL1; MLTF1; bHLHb11; UEF; Upstream stimulatory factor 1; Class B basic helix-loop-helix protein 11; Major late transcription factor 1; FCHL; MLTF

Application Instructions

Application table	Application	Dilution
	WB	1:500
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	HeLa	

Properties

Form	Liquid
Purification	Purification with Protein G.
Buffer	PBS and 0.09% (W/V) Sodium azide
Preservative	0.09% (W/V) Sodium azide
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 7391 Human Swiss-port # P22415 Human
Gene Symbol	USF1
Gene Full Name	upstream transcription factor 1
Background	This gene encodes 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. This gene has been linked to familial combined hyperlipidemia (FCHL). Alternative splicing of this gene results in multiple transcript variants. A related pseudogene has been defined on chromosome 21. [provided by RefSeq, Feb 2013]
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. [UniProt]
Research Area	Cancer antibody; Cell Biology and Cellular Response antibody; Gene Regulation antibody; Metabolism antibody
Calculated Mw	34 kDa
Cellular Localization	Nucleus.

Images



ARG54997 anti-USF1 antibody WB image

Western blot: 35 µg of HeLa cell lysate stained with ARG54997 anti-USF1 antibody at 1:1000 dilution.