

Mouse USF2 Monoclonal Antibody | anti-USF2 antibody

USF2 (Upstream Transcription Factor 2, c-fos Interacting, FIP, bHLHb12) (AP)

CATALOG # AAA25976	HOST Mouse	APPLICATIONS Western Blot
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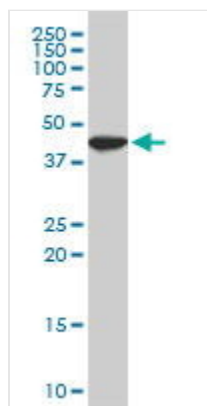
PRODUCT SYNONYMS

USF2; Monoclonal Antibody; USF2 (Upstream Transcription Factor 2; c-fos Interacting; FIP; bHLHb12) (AP); Upstream Transcription Factor 2; bHLHb12; anti-USF2 antibody

PRODUCT SPECIFICATIONS

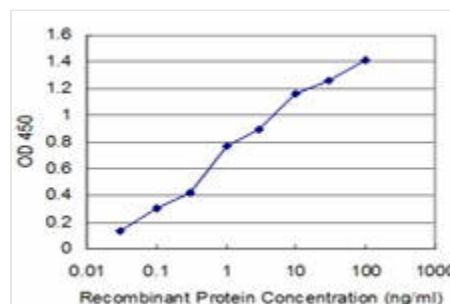
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	6A9
Specificity	Recognizes USF2.
Purity/Purification	Purified
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Alkaline Phosphatase (AP).
Applicable Applications for anti-USF2 antibody	WB (Western Blot)
Application Notes	Applications are based on unconjugated antibody.
Immunogen	USF2 (NP_003358, 1aa-100aa) partial recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Conjugate	AP
Preparation and Storage	Store product at 4 degree C. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. For maximum recovery of product, centrifuge the original vial prior to removing the cap.

IMAGES



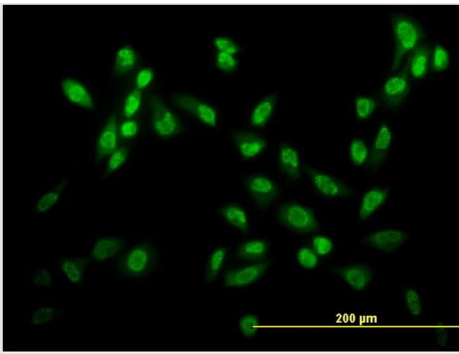
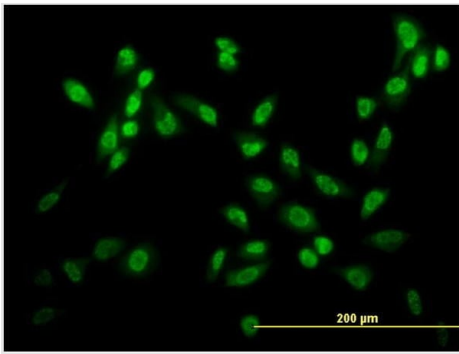
WB (Western Blot)

USF2 monoclonal antibody (M03, clone 6A9. Western Blot analysis of USF2 expression in PC-12.



Application Data

Detection limit for recombinant GST tagged USF2 is approximately 0.03ng/ml as a capture antibody.



IF (Immunofluorescence)
Immunofluorescence of monoclonal antibody to USF2 on HeLa cell. [antibody concentration 10 ug/ml]

IF (Immunofluorescence)
Immunofluorescence of monoclonal antibody to USF2 on HeLa cell. [antibody concentration 10 ug/ml]



WB (Western Blot)
USF2 monoclonal antibody (M03), clone 6A9. Western Blot analysis of USF2 expression in different cell lines.

WB (Western Blot)
USF2 monoclonal antibody (M03), clone 6A9. Western Blot analysis of USF2 expression in HeLa S3 NE.

ADDITIONAL INFORMATION

Related Product Information for anti-USF2 antibody	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. Two transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq]
Product Categories/Family for anti-USF2 antibody	Antibodies; Transcription Factors
References	1. GSK3beta-Dependent Phosphorylation Alters DNA Binding, Transactivity and Half-Life of the Transcription Factor USF2.Horbach T, Chi TF, Gotz C, Sharma S, Juffer AH, Dimova EY, Kietzmann TPLoS One. 2014 Sep 19;9(9):e107914. doi: 10.1371/journal.pone.0107914. eCollection 2014.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507847
NCBI GeneID	7392
NCBI Accession #	NP_003358
NCBI GenBank Nucleotide #	NM_003367
UniProt Accession #	Q15853
Molecular Weight	37kDa
NCBI Official Full Name	upstream stimulatory factor 2 isoform 1
NCBI Official Synonym Full Names	upstream transcription factor 2, c-fos interacting
NCBI Official Symbol	USF2
NCBI Official Synonym Symbols	FIP; bHLHb12

NCBI Protein Information	upstream stimulatory factor 2
UniProt Protein Name	Upstream stimulatory factor 2
UniProt Gene Name	USF2
UniProt Synonym Gene Names	BHLHB12; bHLHb12; FIP
UniProt Entry Name	USF2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/usf2-antibody-clone-6a9-western-blot-elisa/25976>