

Rabbit anti-Human USF1 Monoclonal Antibody | anti-USF1 antibody

USF1 Rabbit mAb

CATALOG # AAA282862	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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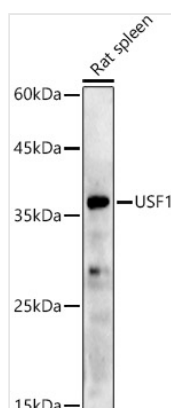
PRODUCT SYNONYMS

USF1; Monoclonal Antibody; USF1 Rabbit mAb; UEF; FCHL; MLTF; FCHL1; MLTFI; HYPLIP1; bHLHb11; anti-USF1 antibody

PRODUCT SPECIFICATIONS

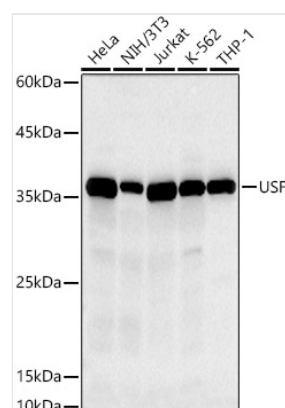
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	TSDDAVDTEG TAAETHYTYF PSTAVGDGAG GTTSGSTAAV VTTQGSEALL GQATPPGTGQ FFVMMSPQEV LQGGSQRSIA PRTHPYSPKS EAPRTTRDEK R
Applicable Applications for anti-USF1 antibody	ELISA, WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 100-200 of human USF1 (P22415).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of lysates from Rat spleen, using USF1 Rabbit mAb (AAA282862) at 1:500 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.



WB (Western Blot)

Western blot analysis of various lysates using USF1 Rabbit mAb (AAA282862) at 1:500 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.

ADDITIONAL INFORMATION

Related Product Information for anti-USF1 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. 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.
Product Categories/Family for anti-USF1 antibody	Epigenetics nuclear signaling; Transcription factors; Cancer; Endocrine metabolism; Lipid metabolism; Endocrine and metabolic diseases; Diabetes; Cardiovascular; Hypoxia; Heart; Cardiovascular diseases; Heart disease; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	137170
NCBI GeneID	7391
UniProt Accession #	P22415; Q5SY46; Q7Z5Y1; B2RBZ4
Molecular Weight	Calculated MW: 34kDa Observed MW: 36kDa
UniProt Protein Name	Upstream stimulatory factor 1
UniProt Gene Name	USF1
UniProt Synonym Gene Names	BHLHB11; USF; bHLHb11
UniProt Entry Name	USF1_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://stage.aaabiotech.com/monoclonal/usf1-antibody-western-blot-elisa/282862>