

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

USF1 Antibody, Rabbit PAb, Antigen Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA258603	Rabbit	Human	Immunoprecipitation, Immunofluorescence, Immunocytochemistry, Immunohistochemistry, Western Blot

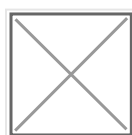
PRODUCT SYNONYMS

USF1; Polyclonal Antibody; USF1 Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-bHLHb11 Antibody; Anti-FCHL Antibody; Anti-FCHL1 Antibody; Anti-HYPLIP1 Antibody; Anti-MLTF Antibody; Anti-MLTFI Antibody; Anti-UEF Antibody; anti-USF1 antibody

PRODUCT SPECIFICATIONS

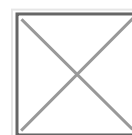
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	Human USF1
Applicable Applications for anti-USF1 antibody	IP (Immunoprecipitation), IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the N-terminus of the Human USF1, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



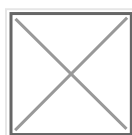
IP (Immunoprecipitation)

USF1 was immunoprecipitated using:; Lane A:0.5 mg 293T Whole Cell Lysate; Lane B:0.5 mg A431 Whole Cell Lysate; 4 uL anti-USF1 rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G.; Primary antibody:; Anti-USF1 rabbit polyclonal antibody, at 1:100 dilution; Secondary antibody:; Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution; Developed using the ECL technique.; Performed under reducing conditions.; Predicted band size: 34 kDa; Observed band size :34 kDa



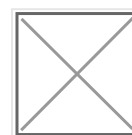
IF (Immunofluorescence)

Immunofluorescence staining of HPV16-SMCC-A1021 in HeLa cells. Cells were fixed with 4% PFA, permeabilized with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-Human HPV16-SMCC-A1021 polyclonal antibody (dilution ratio 1:100) at 4 degree C overnight. Then cells were stained with the Alexa Fluor488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI (blue). Positive staining was localized to Nucleus.



IHC (Immunohistochemistry)

Immunohistochemical staining of human USF1 in human breast carcinoma with rabbit polyclonal antibody at 1:1000 dilution, formalin-fixed paraffin embedded sections.



WB (Western Blot)

Anti-USF1 rabbit monoclonal antibody at 1:500 dilution; Lane A: 293T Whole Cell Lysate; Lane B: NIH 3T3 Whole Cell Lysate; Lysates/proteins at 30 ug per lane.; Secondary; Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution.; Developed using the ECL technique.; Performed under reducing conditions.; Predicted band size:34 kDa; Observed band size:34 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-USF1 antibody	USF1 (upstream stimulatory factor 1) is a transcription factor associated with familial combined hyperlipidemia and coronary artery disease in humans. Usf1 inactivation directs triglycerides from the circulation to brown adipose tissue (BAT) for combustion via a lipoprotein lipase-dependent mechanism, thus enhancing plasma triglyceride clearance. The upstream stimulatory factor (USF) proteins are ubiquitously expressed and represent unusual candidates for involvement in disorders of carbohydrate and lipid metabolism.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	137170
NCBI GeneID	7391
UniProt Accession #	P22415; Q5SY46; Q7Z5Y1; B2RBZ4
Molecular Weight	310
NCBI Official Full Name	Upstream stimulatory factor 1
NCBI Official Synonym Full Names	upstream transcription factor 1
NCBI Official Symbol	USF1
NCBI Official Synonym Symbols	UEF; FCHL; MLTF; FCHL1; MLTFI; HYPLIP1; bHLHb11
NCBI Protein Information	upstream stimulatory factor 1; major late transcription factor 1; class B basic helix-loop-helix protein 11
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/polyclonal/usf1-antibody-immunoprecipitation-immunofluorescence-immunocytochemistry-immunohistochemistry-western-blot-elisa/258603>