

Rabbit USF2 Polyclonal Antibody | anti-USF2 antibody

USF2 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288796	Rabbit	Human, mouse (Predicted Reactivity: Rat)	Immunohistochemistry, ELISA, Western Blot

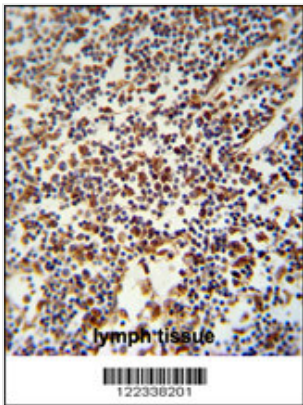
PRODUCT SYNONYMS

USF2; Polyclonal Antibody; USF2 Antibody (Center); Upstream stimulatory factor 2; Class B basic helix-loop-helix protein 12; bHLHb12; FOS-interacting protein; FIP; Major late transcription factor 2; Upstream transcription factor 2; BHLHB12; anti-USF2 antibody

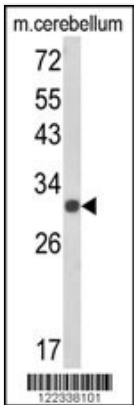
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This USF2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 218-246 amino acids from the Central region of human USF2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	218-246
Sequence Length	346
Applicable Applications for anti-USF2 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
USF2 Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human lymph tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the USF2 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of USF2 Antibody (Center) in mouse cerebellum tissue lysates (35ug/lane).USF2 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-USF2 antibody	USF2 is a member of the basic helix-loop-helix leucine zipper family, and can function as a cellular transcription factor. This protein can activate transcription through pyrimidine-rich initiator (Inr) elements and E-box motifs.
References	Olsen,J.V., et.al., Cell 127 (3), 635-648 (2006) Groenen,P.M., et.al., Genomics 38 (2), 141-148 (1996)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507847
NCBI GeneID	7392
NCBI Accession #	NP_003358.1; NP_997174.1
NCBI GenBank Nucleotide #	NM_003367.2
UniProt Accession #	Q15853; O00671; O00709; Q05750; Q07952; Q15851; Q15852; Q6FI33; Q6YI47
Molecular Weight	36955
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.