



# USF-2 rabbit pAb

Cat No.:ES3677

For research use only

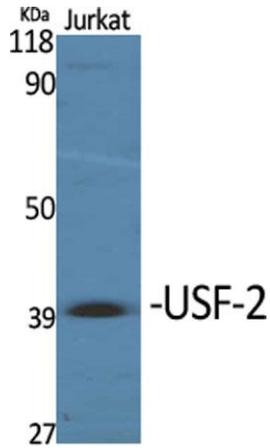
## Overview

<b>Product Name</b>	USF-2 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human USF2. AA range:196-245
<b>Specificity</b>	USF-2 Polyclonal Antibody detects endogenous levels of USF-2 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Upstream stimulatory factor 2
<b>Gene Name</b>	USF2
<b>Cellular localization</b>	Nucleus.
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	40kD
<b>Human Gene ID</b>	7392
<b>Human Swiss-Prot Number</b>	Q15853
<b>Alternative Names</b>	USF2; BHLHB12; 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
<b>Background</b>	This gene encodes a member of the basic helix-loop-helix leucine zipper family of transcription factors. The encoded protein can activate

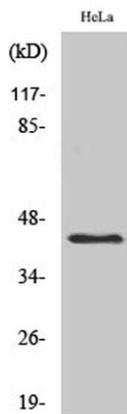




transcription through pyrimidine-rich initiator (Inr) elements and E-box motifs and is involved in regulating multiple cellular processes. [provided by RefSeq, Mar 2016],

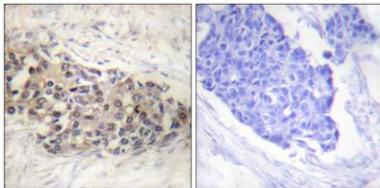


Western Blot analysis of various cells using USF-2 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003,Inventbiotech,MN,USA).



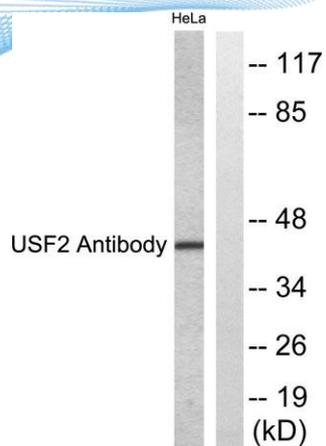
Western Blot analysis of HeLa cells using USF-2 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003,Inventbiotech,MN,USA).

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using USF2 Antibody. The picture on the right is blocked with the synthesized peptide.





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Western blot analysis of lysates from HeLa cells, using USF2 Antibody. The lane on the right is blocked with the synthesized peptide.



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