

## Rabbit anti-Human, Mouse USF2 Polyclonal Antibody | anti-USF2 antibody

Rabbit anti-USF2 Antibody, Affinity Purified

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                                            |
|-----------|--------|--------------|---------------------------------------------------------|
| AAA212215 | Rabbit | Human, Mouse | Immunohistochemistry, Immunoprecipitation, Western Blot |

### PRODUCT SYNONYMS

USF2; Polyclonal Antibody; Rabbit anti-USF2 Antibody; Affinity Purified; major late transcription factor 2; bHLHb12; upstream stimulatory factor 2; Upstream transcription factor 2; FIP; c-fos interacting protein; class B basic helix-loop-helix protein 12; FOS-interacting protein; Upstream stimulatory factor 2; upstream transcription factor 2; c-fos interacting; anti-USF2 antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                           |
|------------------------------------------------|-------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                    |
| Reactivity                                     | Human, Mouse                                                                              |
| Clonality                                      | Polyclonal                                                                                |
| Purity/Purification                            | Antigen Affinity Purified                                                                 |
| Form/Format                                    | Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide |
| Concentration                                  | 1000ug/ml (varies by lot)                                                                 |
| Applicable Applications for anti-USF2 antibody | IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)                   |
| Predicted Reactivity                           | Rat                                                                                       |
| Immunogen                                      | Between 1 and 50                                                                          |
| Conjugation                                    | Unconjugated                                                                              |
| Preparation and Storage                        | Store at 2-8 degree C<br>Shelf Life: 1 year from date of receipt                          |

### IMAGES



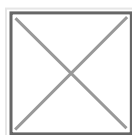
#### WB (Western Blot)

Detection of human USF2 by western blot. Samples: Whole cell lysate from HeLa (15 and 50 ug), HEK293T (T; 50 ug), and Jurkat (J; 50 ug) cells. Antibody: Affinity purified rabbit anti-USF2 antibody AAA212215 (lot AAA212215-1) used at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



#### IHC (Immunohistochemistry)

Detection of human USF2 by immunohistochemistry. Samples: FFPE serial sections of human prostate carcinoma. Antibody: Affinity purified rabbit anti-USF2 (Cat. No. AAA212215 Lot1, left image, Lot1, middle image and Cat. No. Lot1, right image) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB. Counterstain: Hematoxylin (blue).



#### IHC (Immunohistochemistry)

Detection of mouse USF2 by immunohistochemistry. Sample: FFPE section of mouse renal cell carcinoma. Antibody: Affinity purified rabbit anti-USF2 (Cat. No. AAA212215 Lot1) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                      |
|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-USF2 antibody | Upstream stimulatory factor 2 (USF2) is a transcription factor that binds to a symmetrical DNA sequence (E-box) (5'-CACGTG-3') that is found in a variety of viral and cellular promoters [taken from the Universal Protein Resource (UniProt) <a href="http://www.uniprot.org/uniprot/Q15853">www.uniprot.org/uniprot/Q15853</a> ]. |
| Product Categories/Family for anti-USF2 antibody   | Primary Antibodies                                                                                                                                                                                                                                                                                                                   |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                 |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 4507847                                                                                                                                                         |
| NCBI GeneID                      | 7392                                                                                                                                                            |
| NCBI Accession #                 | NP_003358.1                                                                                                                                                     |
| NCBI GenBank Nucleotide #        | NM_003367.2                                                                                                                                                     |
| UniProt Accession #              | Q15853; O00671; O00709; Q05750; Q07952; Q15851; Q15852; Q6FI33                                                                                                  |
| Molecular Weight                 | 36,955 Da                                                                                                                                                       |
| 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; FOS-interacting protein; c-fos interacting protein; major late transcription factor 2; class B basic helix-loop-helix protein 12 |
| 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.