

## Rabbit USP7 Polyclonal Antibody | anti-USP7 antibody

USP7 Polyclonal Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                           |
|-----------|--------|-------------------|--------------------------------------------------------|
| AAA312882 | Rabbit | Human, Mouse, Rat | Immunofluorescence, Immunohistochemistry, Western Blot |

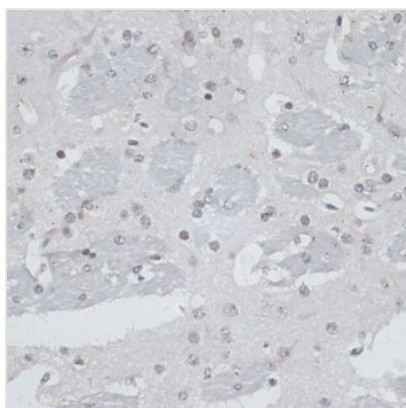
### PRODUCT SYNONYMS

USP7; Polyclonal Antibody; USP7 Polyclonal Antibody; HAUSP; TEF1; anti-USP7 antibody

### PRODUCT SPECIFICATIONS

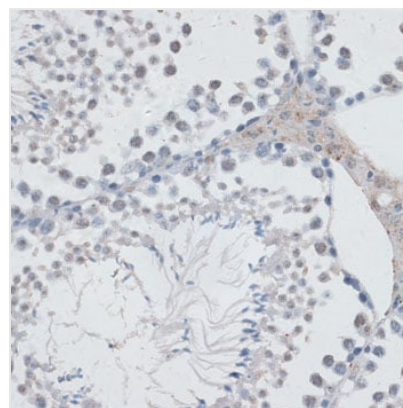
|                                                |                                                                                                                                                                                                                  |
|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                                                                           |
| Reactivity                                     | Human, Mouse, Rat                                                                                                                                                                                                |
| Clonality                                      | Polyclonal                                                                                                                                                                                                       |
| Isotype                                        | IgG                                                                                                                                                                                                              |
| Purity/Purification                            | Affinity purification                                                                                                                                                                                            |
| Form/Format                                    | Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH7.4, 150mM NaCl, 0.02% sodium azide and 62% glycerol.<br>PBS with 0.02% sodium azide, 50% glycerol, pH7.15 |
| Concentration                                  | 1mg/ml (varies by lot)                                                                                                                                                                                           |
| Applicable Applications for anti-USP7 antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)                                                                                                                                           |
| Immunogen                                      | Recombinant fusion protein of human USP7 (NP_003461.2)                                                                                                                                                           |
| Preparation and Storage                        | Store at -20 degree C. Avoid freeze/thaw cycles.                                                                                                                                                                 |

### IMAGES



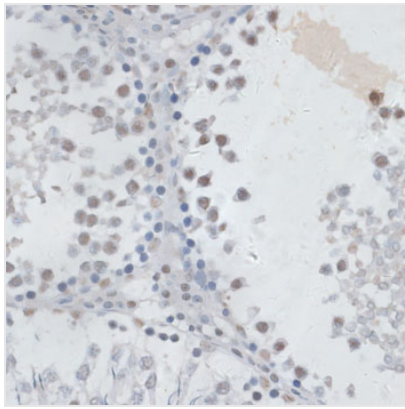
#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse brain using USP7 antibody at dilution of 1:100.



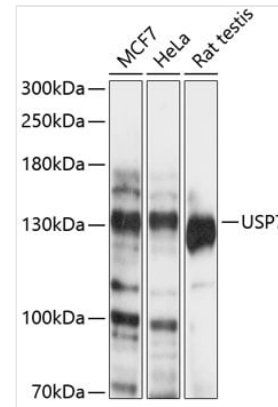
#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse testis using USP7 antibody at dilution of 1:100.



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat testis using USP7 antibody at dilution of 1:100.



#### WB (Western Blot)

Western blot analysis of extracts of various cell lines, using USP7 antibody at 1:1000 dilution.

### ADDITIONAL INFORMATION

|                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-----------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-USP7 antibody</b> | The protein encoded by this gene belongs to the peptidase C19 family, which includes ubiquitinyl hydrolases. This protein deubiquitinates target proteins such as p53 (a tumor suppressor protein) and WASH (essential for endosomal protein recycling), and regulates their activities by counteracting the opposing ubiquitin ligase activity of proteins such as HDM2 and TRIM27, involved in the respective process. Mutations in this gene have been implicated in a neurodevelopmental disorder. |
| <b>Product Categories/Family for anti-USP7 antibody</b>   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

### NCBI AND UNIPROT INFORMATION

|                                         |                                                                                                                                                                                                                                                                 |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>NCBI GI #</b>                        | 150378533                                                                                                                                                                                                                                                       |
| <b>NCBI GeneID</b>                      | 7874                                                                                                                                                                                                                                                            |
| <b>NCBI Accession #</b>                 | NP_003461.2                                                                                                                                                                                                                                                     |
| <b>NCBI GenBank Nucleotide #</b>        | NM_003470.2                                                                                                                                                                                                                                                     |
| <b>UniProt Accession #</b>              | Q93009; A6NMY8; B7Z815; H0Y3G8                                                                                                                                                                                                                                  |
| <b>Molecular Weight</b>                 | – Da                                                                                                                                                                                                                                                            |
| <b>NCBI Official Full Name</b>          | ubiquitin carboxyl-terminal hydrolase 7 isoform 1                                                                                                                                                                                                               |
| <b>NCBI Official Synonym Full Names</b> | ubiquitin specific peptidase 7 (herpes virus-associated)                                                                                                                                                                                                        |
| <b>NCBI Official Symbol</b>             | USP7                                                                                                                                                                                                                                                            |
| <b>NCBI Official Synonym Symbols</b>    | TEF1; HAUSP                                                                                                                                                                                                                                                     |
| <b>NCBI Protein Information</b>         | ubiquitin carboxyl-terminal hydrolase 7; Herpes virus-associated ubiquitin-specific protease; deubiquitinating enzyme 7; herpesvirus-associated ubiquitin-specific protease; ubiquitin specific protease 7 (herpes virus-associated); ubiquitin thioesterase 7; |
| <b>UniProt Protein Name</b>             | Ubiquitin carboxyl-terminal hydrolase 7                                                                                                                                                                                                                         |
| <b>UniProt Gene Name</b>                | <b>USP7</b>                                                                                                                                                                                                                                                     |
| <b>UniProt Synonym Gene Names</b>       | HAUSP                                                                                                                                                                                                                                                           |
| <b>UniProt Entry Name</b>               | UBP7_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.

