

## Rabbit USP7 Polyclonal Antibody | anti-USP7 antibody

USP7 Polyclonal Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                           |
|-----------|--------|-------------------|--------------------------------------------------------|
| AAA281105 | Rabbit | Human, Mouse, Rat | Immunofluorescence, Immunohistochemistry, Western Blot |

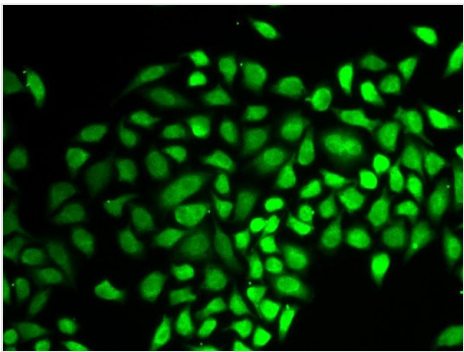
### PRODUCT SYNONYMS

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

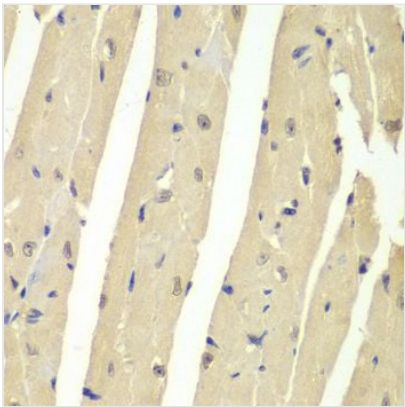
### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                                                                                                                                                                  |
|------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                                                                                                                                                           |
| Reactivity                                     | Human, Mouse, Rat                                                                                                                                                                                                                                                                                |
| Clonality                                      | Polyclonal                                                                                                                                                                                                                                                                                       |
| Isotype                                        | IgG                                                                                                                                                                                                                                                                                              |
| Purity/Purification                            | Affinity Purification                                                                                                                                                                                                                                                                            |
| Sequence                                       | DSKKHTGYVG LKNQGATCYM NSLLQTLFFT NQLRKAVYMM PTEGDDSSKS VPLALQRVFY ELQHSDKPVG<br>TKKLTKSFGW ETLDSFMQHD VQELCRVLLD NVENKMKGTC VEGTIPKLFR GKMVSYIQCK EVDYRSDRRE<br>DYYDIQLSIK GKKNIFESFV DYVAVEQLDG DNKYDAGEHG LQEAEGVKF LTLPPVLHLQ LMRFMYDPQT<br>DQNIKINDRF EFPEQLPLDE FLQKTDPKDP ANYILHAVLV HSGDN |
| Sequence Length                                | 1044                                                                                                                                                                                                                                                                                             |
| Applicable Applications for anti-USP7 antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)                                                                                                                                                                                                                           |
| Immunogen                                      | Recombinant protein of human USP7                                                                                                                                                                                                                                                                |
| Immunogen Species                              | Human                                                                                                                                                                                                                                                                                            |
| Storage Buffer                                 | PBS with 0.02% sodium azide, 50% glycerol, pH7.3.                                                                                                                                                                                                                                                |
| Cellular Location                              | Cytoplasm, Nucleus, PML body                                                                                                                                                                                                                                                                     |
| Preparation and Storage                        | Store at -20 degree C. Avoid freeze / thaw cycles.                                                                                                                                                                                                                                               |

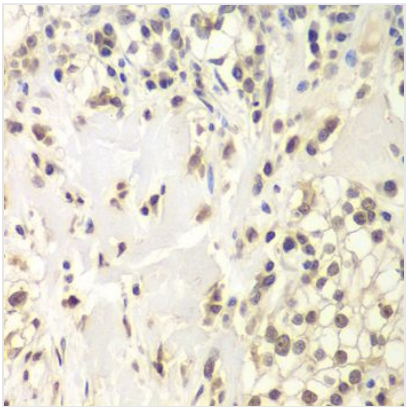
IMAGES



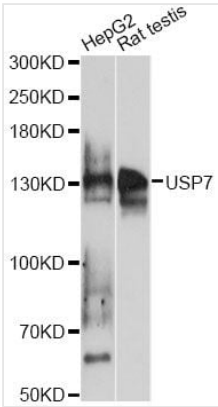
**IF (Immunofluorescence)**  
Immunofluorescence analysis of HeLa cells using USP7 antibody.



**IHC (Immunohistochemistry)**  
Immunohistochemistry of paraffin-embedded mouse heart using USP7 antibody at dilution of 1:200 (40x lens).



**IHC (Immunohistochemistry)**  
Immunohistochemistry of paraffin-embedded human kidney cancer using USP7 antibody at dilution of 1:200 (40x lens).



**WB (Western Blot)**  
Western blot analysis of extracts of various cell lines, using USP7 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-USP7 antibody | 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. |
| Product Categories/Family for anti-USP7 antibody   | <a href="#">Polyclonal Antibodies</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

NCBI AND UNIPROT INFORMATION

|                           |                                                                                                   |
|---------------------------|---------------------------------------------------------------------------------------------------|
| NCBI GI #                 | 1013061510                                                                                        |
| NCBI GeneID               | 7874                                                                                              |
| NCBI Accession #          | <a href="#">NP_001308787.1</a>                                                                    |
| NCBI GenBank Nucleotide # | <a href="#">NM_001321858.1</a>                                                                    |
| UniProt Accession #       | <a href="#">Q93009</a> ; <a href="#">A6NMY8</a> ; <a href="#">B7Z815</a> ; <a href="#">H0Y3G8</a> |
| Molecular Weight          | Calculated: 126kDa; 128kDa<br>Observed: 138kDa                                                    |

|                                  |                                                   |
|----------------------------------|---------------------------------------------------|
| NCBI Official Full Name          | ubiquitin carboxyl-terminal hydrolase 7 isoform 4 |
| NCBI Official Synonym Full Names | ubiquitin specific peptidase 7                    |
| NCBI Official Symbol             | USP7                                              |
| NCBI Official Synonym Symbols    | TEF1; HAUSP                                       |
| NCBI Protein Information         | ubiquitin carboxyl-terminal hydrolase 7           |
| UniProt Protein Name             | Ubiquitin carboxyl-terminal hydrolase 7           |
| UniProt Gene Name                | <b>USP7</b>                                       |
| UniProt Synonym Gene Names       | HAUSP                                             |

**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://www.aaabiotech.com/polyclonal/usp7-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/281105>