# USP7/HAUSP Rabbit pAb

**Catalog NO.: A13564** **7 Publications**

## Basic Information

### Observed MW
138 kDa

### Calculated MW
128 kDa

### Category
Polyclonal Antibodies

### Applications
WB, IF/ICC, IHC-P, ELISA

### Cross-Reactivity
Human, Mouse, Rat

### Conjugation
Unconjugated

## Background

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.

## Recommended Dilutions

| | |
|---|---|
| **WB** | 1:500 - 1:5000 |
| **IF/ICC** | 1:50 - 1:200 |
| **IHC-P** | 1:50 - 1:200 |

### ELISA
Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID
7874

### Swiss Prot
Q93009

### Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

### Synonyms
TEF1; HAUSP; HAFOUS; DEL16P13.2; C16DELp13.2; USP7/HAUSP

## Contact

## Product Information

order@abclonal.com
service@abclonal.com
www.abclonal.com

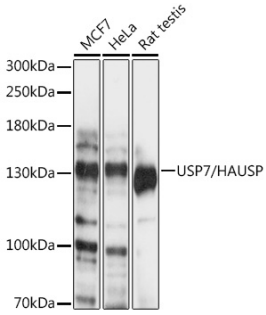
**Source**
Rabbit

**Isotype**
IgG

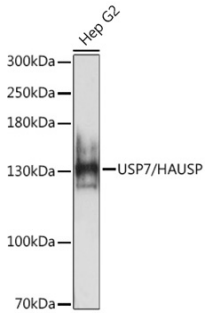
**Purification**
Affinity purification

**Storage**
Store at -20°C. Avoid freeze / thaw cycles.
Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

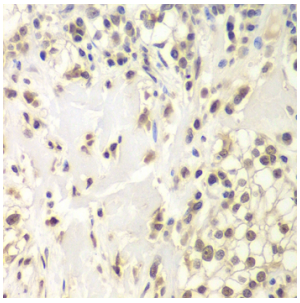
## Validation Data

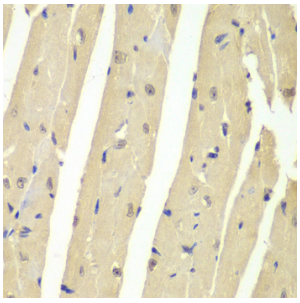


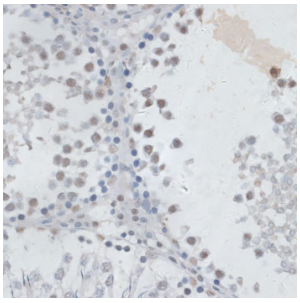

Western blot analysis of various lysates using USP7/HAUSP Rabbit pAb (A13564) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 30s.




Western blot analysis of various lysates using USP7/HAUSP Rabbit pAb (A13564) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 10s.





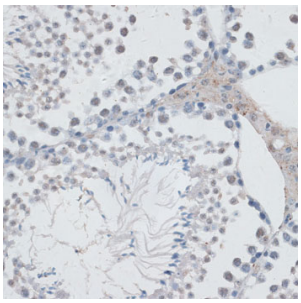


Immunohistochemistry analysis of paraffin-embedded Human kidney cancer using USP7/HAUSP Rabbit pAb (A13564) at dilution of 1:200 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.

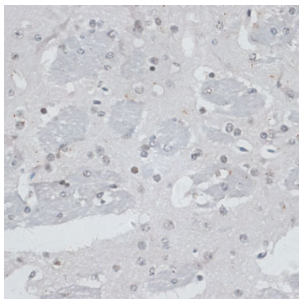
Immunohistochemistry analysis of paraffin-embedded Mouse heart using USP7/HAUSP Rabbit pAb (A13564) at dilution of 1:200 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.

Immunohistochemistry analysis of paraffin-embedded Rat testis using USP7/HAUSP Rabbit pAb (A13564) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.

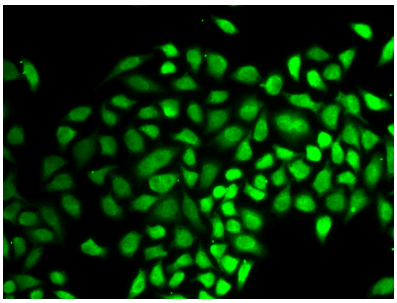
## Validation Data



Immunohistochemistry analysis of paraffin-embedded Mouse testis using USP7/HAUSP Rabbit pAb (A13564) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse brain using USP7/HAUSP Rabbit pAb (A13564) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunofluorescence analysis of HeLa cells using USP7/HAUSP Rabbit pAb (A13564).Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution.

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