

# USP7 polyclonal antibody

Catalog # PAB10225      Size 100 ug

## Applications

### Western Blot (Cell lysate)



Western blot using USP7 polyclonal antibody (Cat # PAB10225) shows detection of USP7 in various cell lysates at 130 kDa (lane 1 - HeLa nuclear extract, lane 2 - HeLa, Lane 3 - A-431, Lane 4 - MCF-7, Lane 5 - 3T3). The antibody is blocked by pre-incubation with the immunizing peptide (lanes 6 - 10) using the same lysates. A 1:500 dilution of the primary antibody was used for detection followed by a 1:5,000 dilution of HRP Gt-a-Rabbit IgG. Exposure time was 30 sec.

## Specification

**Product Description** Rabbit polyclonal antibody raised against synthetic peptide of USP7.

**Immunogen** A synthetic peptide corresponding to N-terminus of human USP7.

**Host** Rabbit

**Reactivity** Bovine, Chicken, Chimpanzee, Dog, Human, Mouse, Rat

**Form** Liquid

**Quality Control Testing** Antibody Reactive Against Synthetic Peptide.

**Recommend Usage** ELISA (1:15000-1:60000)  
Western Blot (1:500-1:2000)  
The optimal working dilution should be determined by the end user.

**Storage Buffer** In 20 mM KH<sub>2</sub>PO<sub>4</sub>, 150 mM NaCl, pH 7.2 (0.01% sodium azide)

**Storage Instruction** Store at 4°C. For long term storage store at -20°C.  
Aliquot to avoid repeated freezing and thawing.

**Note**

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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- Enzyme-linked Immunoabsorbent Assay

## Gene Info — USP7

**Entrez GeneID** [7874](#)

**Protein Accession#** [NP\\_003461:Q93009](#)

**Gene Name** USP7

**Gene Alias** HAUSP, TEF1

**Gene Description** ubiquitin specific peptidase 7 (herpes virus-associated)

**Omim ID** [602519](#)

**Gene Ontology** [Hyperlink](#)

**Other Designations** Herpes virus-associated ubiquitin-specific protease|ubiquitin specific protease 7|ubiquitin specific protease 7 (herpes virus-associated)

## Publication Reference

- [Molecular recognition of p53 and MDM2 by USP7/HAUSP.](#)

Sheng Y, Saridakis V, Sarkari F, Duan S, Wu T, Arrowsmith CH, Frappier L.

Nature Structural & Molecular Biology 2006 Mar; 13(3):285.

- [Reciprocal activities between herpes simplex virus type 1 regulatory protein ICP0, a ubiquitin E3 ligase, and ubiquitin-specific protease USP7.](#)

Boutell C, Canning M, Orr A, Everett RD.

Journal of Virology 2005 Oct; 79(19):12342.

Application: WB-Tr, Human, HeLa cells

- [Expression and functional analyses of mHAUSP regulating apoptosis of cervical adenocarcinoma cells.](#)

Yoo KJ, Lee HJ, Lee H, Lee KY, Lee SH, Chung HM, Baek KH.

International Journal of Oncology 2005 Jul; 27(1):97.

## Disease

- [Tobacco Use Disorder](#)