

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 KH₂PO₄, 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
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Protein Accession#	NP_003461;Q93009
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Gene Name	USP7
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Gene Alias	HAUSP, TEF1
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Gene Description	ubiquitin specific peptidase 7 (herpes virus-associated)
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Omim ID	602519
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Gene Ontology	Hyperlink
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Other Designations	Herpes virus-associated ubiquitin-specific protease ubiquitin specific protease 7 ubiquitin specific protease 7 (herpes virus-associated)
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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](#)