

## 11-3009: Polyclonal Antibody to USP7

<b>Clonality :</b>	Polyclonal
<b>Application :</b>	WB
<b>Reactivity :</b>	Human
<b>Gene :</b>	USP7
<b>Gene ID :</b>	7874
<b>Uniprot ID :</b>	Q93009
<b>Format :</b>	Purified
<b>Alternative Name :</b>	USP7,HAUSP
<b>Isotype :</b>	Rabbit IgG
<b>Immunogen Information :</b>	A partial length recombinant USP7 protein (amino acids 932-1100) was used as the immunogen for this antibody.

### Description

USP7 (ubiquitin specific peptidase 7) is a deubiquitinating enzyme that prevents protein degradation by removing poly-ubiquitin chains from its substrates. It regulates stability of a number of human transcription factors and tumor suppressors and plays a critical role in the development of several types of cancer, including prostate and small cell lung cancer. USP7 regulates Pol-eta (DNA polymerase eta) stability through both indirect and direct mechanisms. It regulates the stability of the DNA maintenance methyltransferase. Diseases associated with USP7 include UV-sensitive syndrome.

### Product Info

<b>Amount :</b>	25 µg / 100 µg
<b>Purification :</b>	Protein A Chromatography
<b>Content :</b>	25 µg in 50 µl/100 µg in 200 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
<b>Storage condition :</b>	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

### Application Note

Western blot analysis: 2-4 µg/ml

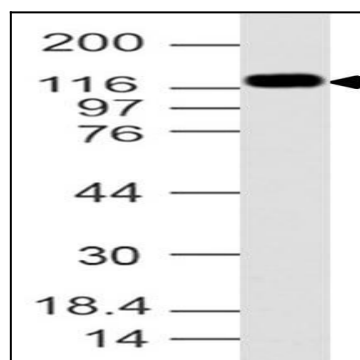


Fig-1: Western blot analysis of USP7. Anti-USP7 antibody (11-3009) was used at 4 µg/ml on A431 lysate.