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Bhubaneswar, Odisha - 751024, INDIA

## 11-3009: Polyclonal Antibody to USP7

Clonality: Polyclonal

Application: WB

Reactivity: Human

Gene: USP7

Gene ID: 7874

Uniprot ID: Q93009

Format: Purified

Alternative Name : USP7,HAUSP Isotype : Rabbit IgG

Immunogen Information: 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**

Amount :  $25 \mu g / 100 \mu g$ 

Purification: Protein A Chromatography

Content: 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.

Storage condition:

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

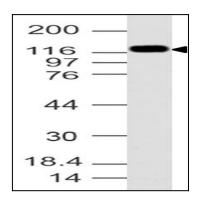


Fig-1: Western blot analysis of USP7. Anti-USP7 antibody (11-3009) was used at 4  $\mu$ g/ml on A431 lysate.