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## 11-3014: Polyclonal Antibody to DUBA

Clonality: Polyclonal

Application: WB

Reactivity: Mouse, Human

Gene : OTUD5
Gene ID : 55593
Uniprot ID : Q96G74
Format : Purified
Alternative Name : OTUD5
Isotype : Rabbit IgG

Immunogen Information: A partial length recombinant DUBA protein (amino acids 300-520) was used as the immunogen for

this antibody.

## **Description**

DUBA belongs to a subfamily of 14 DUBs characterized by an OTU (Ovarian Tumor) domain. This protein suppress the type I interferon-dependent innate immune response by cleaving the polyubiquitin chain from an essential type I interferon adaptor protein. Cleavage results in disassociation of the adaptor protein from a downstream signaling complex and disruption of the type I interferon signaling cascade. DUBA forms a direct complex with p53 and controls level of ubiquitination. The function of DUBA is required to allow the rapid activation of p53-dependent transcription and a p53-dependent apoptosis in response to DNA damage stress.

## **Product Info**

**Amount :** 25 μg / 100 μg

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:

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

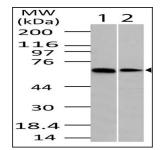


Fig-1: Western blot analysis of DUBA  $\,$  . Anti-DUBA  $\,$  antibody (11-3014) was used at 4  $\mu$ g/ml on 1) Kidney and 2) 3T3 lysates.