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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 :	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

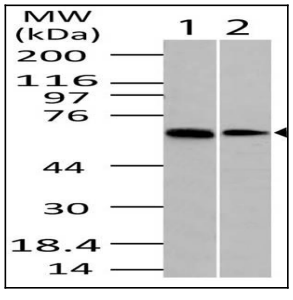


Fig-1: Western blot analysis of DUBA . Anti-DUBA antibody (11-3014) was used at 4 µg/ml on 1) Kidney and 2) 3T3 lysates.

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