

anti- USP16 antibody

Product Information

Catalog No.:	FNab09312
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

Specifically deubiquitinates 'Lys-120' of histone H2A(H2AK119Ub), a specific tag for epigenetic transcriptional repression, thereby acting as a coactivator. Deubiquitination of histone H2A is a prerequisite for subsequent phosphorylation at 'Ser-11' of histone H3(H3S10ph), and is required for chromosome segregation when cells enter into mitosis. In resting B- and T-lymphocytes, phosphorylation by AURKB leads to enhance its activity, thereby maintaining transcription in resting lymphocytes. Regulates Hox gene expression via histone H2A deubiquitination. Prefers nucleosomal substrates. Does not deubiquitinate histone H2B.

Immunogen information

Immunogen:	ubiquitin specific peptidase 16
Synonyms:	Deubiquitinating enzyme 16, Ubiquitin thiolesterase 16, UBP M, USP16
Observed MW:	94 kDa
Uniprot ID :	Q9Y5T5

Application

Reactivity:	Human, Mouse, Rat
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Wuhan Fine Biotech Co., Ltd.

B9 Bld, High-Tech Medical Devices Park, No. 818 Gaoxin Ave. East Lake High-Tech Development Zone. Wuhan, Hubei, China(430206)

Tel : (0086)027-87384275

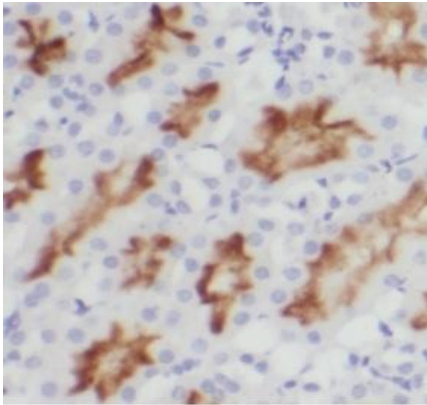
Fax: (0086)027-87800889

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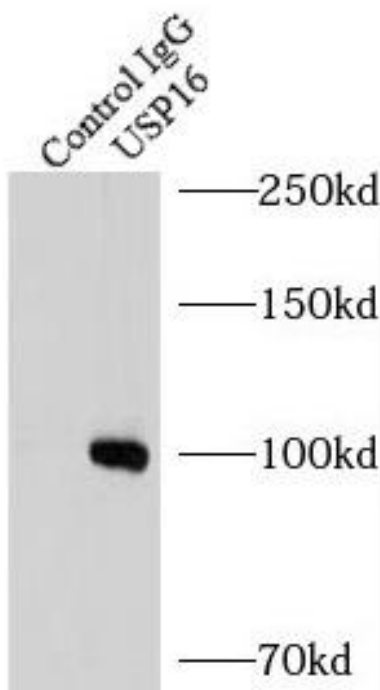
Tested Application: ELISA, WB, IHC, IP

Recommended dilution: WB: 1:500-1:5000; IP: 1:500-1:5000; IHC: 1:20-1:200

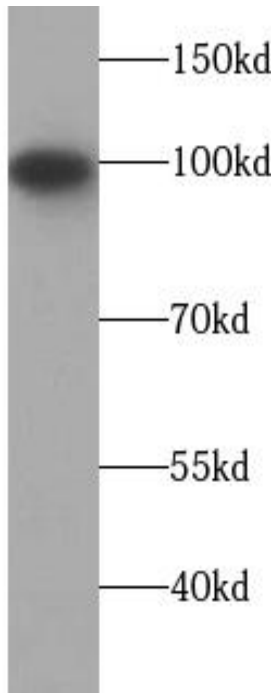
Image:



Immunohistochemistry of paraffin-embedded human kidney using FNab09312(USP16 antibody) at dilution of 1:100



IP Result of anti-USP16 (IP:FNab09312, 5ug; Detection:FNab09312 1:1000) with HeLa cells lysate 880ug.



HeLa cells were subjected to SDS PAGE followed by western blot with FNab09312(USP16 antibody) at dilution of 1:1000

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