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## Datasheet for ABIN7120500 anti-USP16 antibody

### Overview

Quantity:	100 µg
Target:	USP16
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This USP16 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunoprecipitation (IP)

### Product Details

Immunogen:	ubiquitin specific peptidase 16
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

### Target Details

Target:	USP16
Alternative Name:	USP16 ( <a href="#">USP16 Products</a> )
Background:	Synonyms:Deubiquitinating enzyme 16, Ubiquitin thiolesterase 16, UBP M, USP16 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

## Target Details

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.

Molecular Weight: 94 kDa

Gene ID: 10600

UniProt: [Q9Y5T5](#)

## Application Details

Application Notes: WB: 1:500-1:5000, IP: 1:500-1:5000, IHC: 1:20-1:200

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months