

**Product Name: USP44 Rabbit Polyclonal Antibody**  
**Catalog #: APRab19682**



## Summary

<b>Production Name</b>	USP44 Rabbit Polyclonal Antibody
<b>Description</b>	Rabbit Polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,ELISA
<b>Reactivity</b>	Human,Rat,Mouse

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
<b>Purification</b>	Affinity purification

## Immunogen

<b>Gene Name</b>	USP44
<b>Alternative Names</b>	USP44; Ubiquitin carboxyl-terminal hydrolase 44; Deubiquitinating enzyme 44; Ubiquitin thioesterase 44; Ubiquitin-specific-processing protease 44
<b>Gene ID</b>	84101.0
<b>SwissProt ID</b>	Q9H0E7.The antiserum was produced against synthesized peptide derived from human USP44. AA range:211-260

## Application

<b>Dilution Ratio</b>	WB 1:500 - 1:2000. ELISA: 1:40000. Not yet tested in other applications.
<b>Molecular Weight</b>	81kD

**Product Name: USP44 Rabbit Polyclonal Antibody**  
**Catalog #: APRab19682**

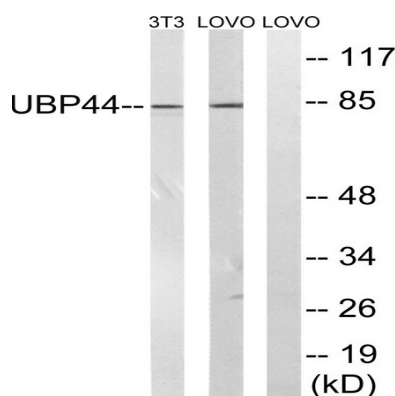


## Background

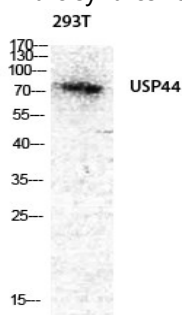
Modification of cellular proteins by ubiquitin is an essential regulatory mechanism controlled by the coordinated action of multiple ubiquitin-conjugating and deubiquitinating enzymes. USP44 belongs to a large family of cysteine proteases that function as deubiquitinating enzymes (Quesada et al., 2004 [PubMed 14715245]).[supplied by OMIM, Mar 2008],catalytic activity:Ubiquitin C-terminal thioester + H(2)O = ubiquitin + a thiol.,similarity:Belongs to the peptidase C19 family.,similarity:Contains 1 UBP-type zinc finger.,tissue specificity:Expressed in testis.,

## Research Area

## Image Data

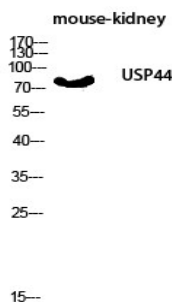


Western blot analysis of lysates from LOVO and NIH/3T3 cells, using USP44 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of 293T cells using USP44 Polyclonal Antibody diluted at 1 : 2000. Secondary antibody was diluted at 1:20000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Invent biotech, MN, USA) .

**Product Name: USP44 Rabbit Polyclonal Antibody**  
**Catalog #: APRab19682**



Western blot analysis of mouse-kidney lysis using USP44 antibody. Antibody was diluted at 1:2000. Secondary antibody was diluted at 1:20000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Invent biotech, MN, USA) .

### **Note**

For research use only.