

## USP44 Polyclonal Antibody

<b>Catalog No :</b>	YT4841
<b>Reactivity :</b>	Human;Mouse
<b>Applications :</b>	WB;ELISA
<b>Target :</b>	USP44
<b>Gene Name :</b>	USP44
<b>Protein Name :</b>	Ubiquitin carboxyl-terminal hydrolase 44
<b>Human Gene Id :</b>	84101
<b>Human Swiss Prot No :</b>	Q9H0E7
<b>Mouse Swiss Prot No :</b>	Q8C2S0
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from human USP44. AA range:211-260
<b>Specificity :</b>	USP44 Polyclonal Antibody detects endogenous levels of USP44 protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500 - 1:2000. ELISA: 1:40000. Not yet tested in other applications.
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Observed Band :</b>	81kD

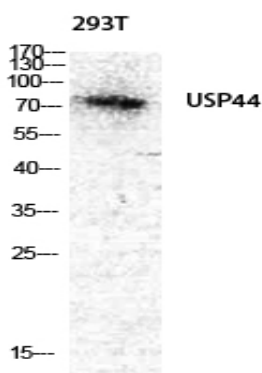
**Background :** Modification of cellular proteins by ubiquitin is an essential regulatory mechanism controlled by the coordinated action of multiple ubiquitin-conjugating and deubiquitinating enzymes. USP44 belongs to a large family of cysteine proteases that function as deubiquitinating enzymes (Quesada et al., 2004 [PubMed 14715245]).[supplied by OMIM, Mar 2008],

**Function :** 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.,

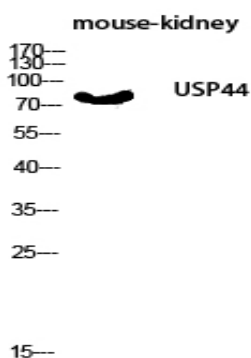
**Subcellular Location :** Nucleus . Peaks in interphase, with relatively low levels maintained throughout mitosis. .

**Expression :** Expressed in testis. Expressed at high levels in T-cell acute lymphoblastic leukemia.

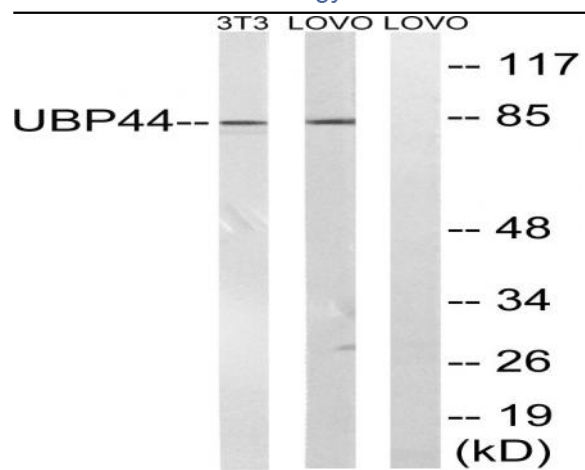
## Products Images



Western Blot analysis of 293T cells using USP44 Polyclonal Antibody diluted at 1:2000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003,Inventbiotech,MN,USA).



Western blot analysis of mouse-kidney lysis using USP44 antibody. Antibody was diluted at 1:2000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003,Inventbiotech,MN,USA).



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.