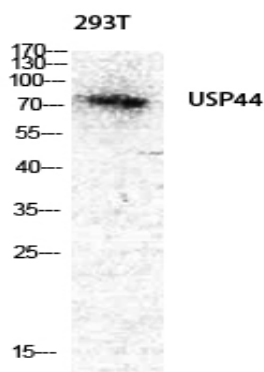


USP44 Polyclonal Antibody

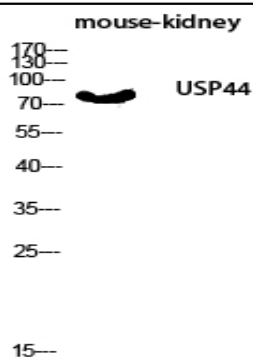
Catalog No :	YT4841
Reactivity :	Human;Rat;Mouse;
Applications :	WB;ELISA
Target :	USP44
Gene Name :	USP44
Protein Name :	Ubiquitin carboxyl-terminal hydrolase 44
Human Gene Id :	84101
Human Swiss Prot No :	Q9H0E7
Mouse Swiss Prot No :	Q8C2S0
Immunogen :	The antiserum was produced against synthesized peptide derived from human USP44. AA range:211-260
Specificity :	USP44 Polyclonal Antibody detects endogenous levels of USP44 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. ELISA: 1:40000. Not yet tested in other applications.
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	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.
Sort :	24013
Host :	Rabbit
Modifications :	Unmodified

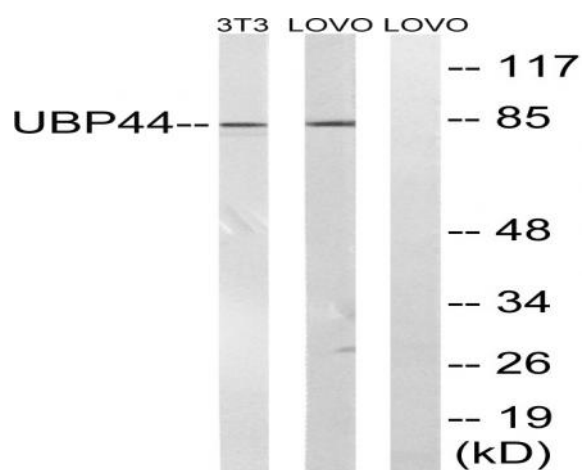
Products Images



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, Invent biotech, 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.