

## USP30 Polyclonal Antibody

<b>Catalog No :</b>	YT4834
<b>Reactivity :</b>	Human;Mouse;Rat
<b>Applications :</b>	WB;ELISA
<b>Target :</b>	USP30
<b>Fields :</b>	>>Mitophagy - animal
<b>Gene Name :</b>	USP30
<b>Protein Name :</b>	Ubiquitin carboxyl-terminal hydrolase 30
<b>Human Gene Id :</b>	84749
<b>Human Swiss Prot No :</b>	Q70CQ3
<b>Mouse Gene Id :</b>	100756
<b>Mouse Swiss Prot No :</b>	Q3UN04
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from human USP30. AA range:31-80
<b>Specificity :</b>	USP30 Polyclonal Antibody detects endogenous levels of USP30 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: 1:10000. 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

**Storage Stability :** -15°C to -25°C/1 year(Do not lower than -25°C)

**Observed Band :** 60kd,unspecial bands( 65kd,105kd,130kd)in Hela and HCT116 cell.

**Background :** USP30, a member of the ubiquitin-specific protease family (see USP1, MIM 603478), is a novel mitochondrial deubiquitinating (DUB) enzyme (Nakamura and Hirose, 2008 [PubMed 18287522]).[supplied by OMIM, Dec 2008],

**Function :** catalytic activity:Ubiquitin C-terminal thioester + H(2)O = ubiquitin + a thiol.,function:May participate in the maintenance of mitochondrial morphology.,similarity:Belongs to the peptidase C19 family.,tissue specificity:Expressed in skeletal muscle, pancreas, liver and kidney.,

**Subcellular Location :** Mitochondrion outer membrane .

**Expression :** Expressed in skeletal muscle, pancreas, liver and kidney.

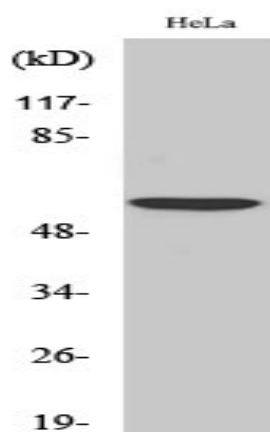
**Sort :** 24006

**No4 :** 1

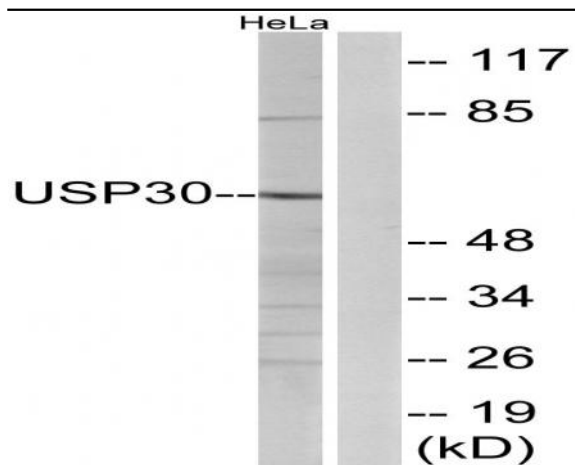
**Host :** Rabbit

**Modifications :** Unmodified

## Products Images



Western Blot analysis of various cells using USP30 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Western blot analysis of lysates from HeLa cells, using USP30 Antibody. The lane on the right is blocked with the synthesized peptide.