

**USP40 rabbit pAb****Cat#: orb769592 (Manual)**

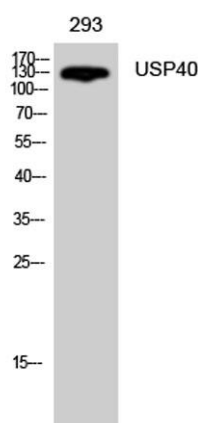
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<b>Product Name</b>	USP40 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Rat;Mouse;
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human USP40. AA range:1011-1060
<b>Specificity</b>	USP40 Polyclonal Antibody detects endogenous levels of USP40 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Ubiquitin carboxyl-terminal hydrolase 40
<b>Gene Name</b>	USP40
<b>Cellular localization</b>	nucleus,cytoplasm,
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal

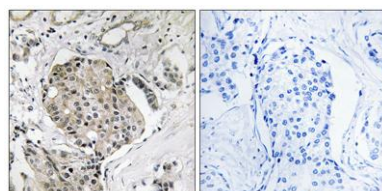
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	140kD
<b>Human Gene ID</b>	55230
<b>Human Swiss-Prot Number</b>	Q9NVE5
<b>Alternative Names</b>	USP40; Ubiquitin carboxyl-terminal hydrolase 40; Deubiquitinating enzyme 40; Ubiquitin thioesterase 40; Ubiquitin-specific-processing protease 40

### Background

Modification of cellular proteins by ubiquitin is an essential regulatory mechanism controlled by the coordinated action of multiple ubiquitin-conjugating and deubiquitinating enzymes. USP40 belongs to a large family of cysteine proteases that function as deubiquitinating enzymes (Quesada et al., 2004 [PubMed 14715245]).[supplied by OMIM, Mar 2008],



Western Blot analysis of 293 cells using USP40 Polyclonal Antibody diluted at 1:500. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using USP40 Antibody. The picture on the right is blocked with the synthesized peptide.