



USP40 Polyclonal Antibody

Catalog No	YP-Ab-02836
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;IHC;IF;ELISA
Gene Name	USP40
Immunogen	The antiserum was produced against synthesized peptide derived from human USP40. AA range:1011-1060
Specificity	USP40 Polyclonal Antibody detects endogenous levels of USP40 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/20000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	USP 4;Ubiquitin-specific-processing protease 4;Ubiquitin thioesterase 4; Ubiquitin carboxyl-terminal hydrolase 4;EC:3.4.19.12;USP40;Ubiquitin carboxyl-terminal hydrolase 40;Deubiquitinating enzyme 40;Ubiquitin thioesterase 40; Ubiquitin-specific-processing protease 40
Observed Band	140kD
Calculated Molecular Weight	140kD
Cell Pathway	nucleus,cytoplasm,
Tissue Specificity	Broadly expressed.
Function	catalytic activity:Ubiquitin C-terminal thioester + H(2)O = ubiquitin + a thiol., function:May be catalytically inactive.,similarity:Belongs to the peptidase C19 family.,tissue specificity:Broadly expressed.,
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],

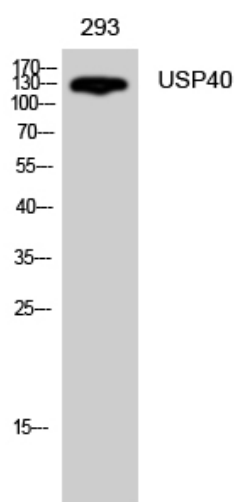
**matters needing attention**

Avoid repeated freezing and thawing!

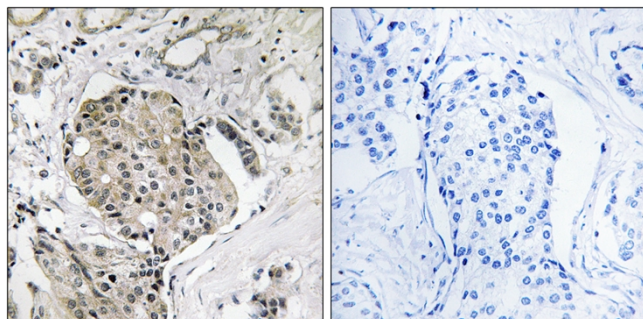
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



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.