
Product Name: USP40 Rabbit Polyclonal Antibody**Catalog #: APRab19679**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,ELISA
Reactivity	Human,Rat,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:10000-1:20000
Molecular Weight	140kDa

Antigen Information

Gene Name	USP40
Alternative Names	USP40; Ubiquitin carboxyl-terminal hydrolase 40; Deubiquitinating enzyme 40; Ubiquitin thioesterase 40; Ubiquitin-specific-processing protease 40
Gene ID	55230.0
SwissProt ID	Q9NVE5
Immunogen	The antiserum was produced against synthesized peptide derived from human USP40. AA range:1011-1060

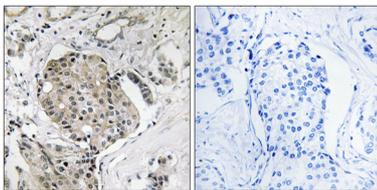
Background

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],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.,

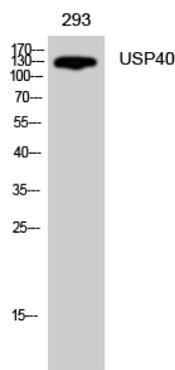
Research Area

Cell Biology; Proteolysis / Ubiquitin; Proteasome / Ubiquitin; Ub-like Proteins; Epigenetics and Nuclear Signaling; Ubiquitin & Ubiquitin Like Modifiers; Ubiquitin like Modifiers

Image Data



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



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