

For Research Use Only

# USP40 Polyclonal antibody

Catalog Number: 27217-1-AP



## Basic Information

<b>Catalog Number:</b> 27217-1-AP	<b>GenBank Accession Number:</b> BC013305	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 450 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 55230	<b>Recommended Dilutions:</b> WB 1:2000-1:10000 IHC 1:250-1:1000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9NVE5	
<b>Isotype:</b> IgG	<b>Full Name:</b> ubiquitin specific peptidase 40	
<b>Immunogen Catalog Number:</b> AG25976	<b>Observed MW:</b> 140 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human	<b>WB :</b> A549 cells, HeLa cells, MCF-7 cells, PC-3 cells
<b>Note-IHC:</b> suggested antigen retrieval with <b>TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	<b>IHC :</b> human intrahepatic cholangiocarcinoma tissue,

## Background Information

USP40 (ubiquitin specific peptidase 40), also known as ubiquitin thioesterase 40, deubiquitinating enzyme 40 or ubiquitin carboxyl-terminal hydrolase 40, is a 1235 amino acid protein that belongs to a large family of cysteine proteases that function as deubiquitinating enzymes. USP40 transcript is ubiquitously expressed but abundant in the kidney, heart, spleen, liver, and testis. Within the kidney, USP40 is expressed in glomerular endothelial cells during development (PMID:28148530).

## Storage

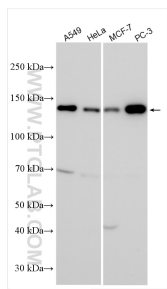
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
**Aliquoting is unnecessary for -20°C storage**

\*\*\* 20ul sizes contain 0.1% BSA

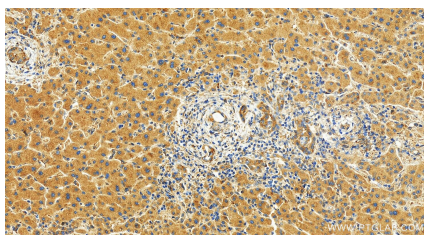
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
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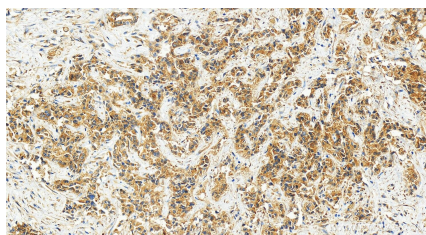
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 27217-1-AP (USP40 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human intrahepatic cholangiocarcinoma tissue slide using 27217-1-AP (USP40 antibody) at dilution of 1:500 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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