

For Research Use Only

# USP44 Polyclonal antibody

Catalog Number: 15521-1-AP **2 Publications**



## Basic Information

<b>Catalog Number:</b> 15521-1-AP	<b>GenBank Accession Number:</b> BC030704	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 260 µg/ml	<b>GeneID (NCBI):</b> 84101	<b>Recommended Dilutions:</b> WB 1:500-1:2000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9HOE7	
<b>Isotype:</b> IgG	<b>Full Name:</b> ubiquitin specific peptidase 44	
<b>Immunogen Catalog Number:</b> AG7888	<b>Calculated MW:</b> 81 kDa	
	<b>Observed MW:</b> 81 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : human placenta tissue, mouse testis tissue
<b>Species Specificity:</b> human, mouse	
<b>Cited Species:</b> human	

## Background Information

USP44 (Ubiquitin carboxyl-terminal hydrolase 44) belongs to a large family of cysteine proteases that function as deubiquitinating enzymes. It has a ZnF-UBP (zinc-finger ubiquitin-specific protease) domain and conserved cysteine, histidine and asparagine/aspartic acid residues characteristic of deubiquitinating enzymes. And USP44 can cleave ubiquitin from ubiquitinated substrates both in vitro and in vivo. The expression of endogenous mouse or human USP44 is very low. A localization study of USP44 showed its predominant expression in the nucleus (PMID:20402667).

## Notable Publications

Author	Pubmed ID	Journal	Application
Zhang Ying Y	23187126	J Clin Invest	
Xia Ting	31504778	Nucleic Acids Res	

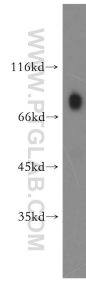
## Storage

**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

For technical support and original validation data for this product please contact:  
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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## Selected Validation Data



human placenta tissue were subjected to SDS PAGE followed by western blot with 15521-1-AP (USP44 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.