

For Research Use Only

# USP42 Polyclonal antibody

Catalog Number: 18811-1-AP **1 Publications**



## Basic Information

<b>Catalog Number:</b> 18811-1-AP	<b>GenBank Accession Number:</b> BC136656	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 1000 µg/ml	<b>GeneID (NCBI):</b> 84132	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IHC 1:250-1:1000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9H9J4	
<b>Isotype:</b> IgG	<b>Full Name:</b> ubiquitin specific peptidase 42	
	<b>Calculated MW:</b> 145 kDa	
	<b>Observed MW:</b> 146 kDa	

## Applications

<b>Tested Applications:</b> IHC, WB, ELISA	<b>Positive Controls:</b> WB : mouse brain tissue, IHC : mouse brain tissue,
<b>Cited Applications:</b> WB	
<b>Species Specificity:</b> human, mouse	
<b>Cited Species:</b> human	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

USP42(ubiquitin carboxyl-terminal hydrolase 42) is also named as deubiquitinating enzyme 42 and belongs to the peptidase C19 family. It consists of 1,324 amino acids with a predicted molecular weight of 146 kDa and contains the conserved Cys, Asp (I), His and Asn/Asp (II) domains defined as one of characteristics for deubiquitinating enzymes, which may play an important role in mouse embryogenesis and spermatogenesis(PMID:16904385). This protein has 2 isoforms produced by alternative splicing. This antibody is specific to USP42.

## Notable Publications

Author	Pubmed ID	Journal	Application
Shuyan Liu	33731873	Cell Death Differ	WB

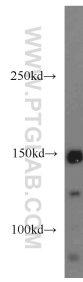
## Storage

**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

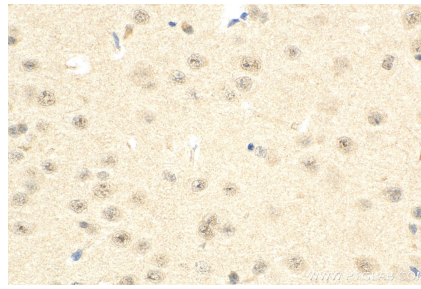
For technical support and original validation data for this product please contact:  
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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## Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 18811-1-AP (USP42 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 18811-1-AP (USP42 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).