

For Research Use Only

USP42 Polyclonal antibody

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



Basic Information

Catalog Number: 18811-1-AP	GenBank Accession Number: BC136656	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 1000 µg/ml by Nanodrop and 527 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 84132	Recommended Dilutions: WB 1:500-1:1000 IHC 1:250-1:1000
Source: Rabbit	Full Name: ubiquitin specific peptidase 42	
Isotype: IgG	Calculated MW: 145 kDa	
	Observed MW: 146 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB : mouse brain tissue, IHC : mouse brain tissue,
Cited Applications: WB	
Species Specificity: human, mouse	
Cited Species: human	

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

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

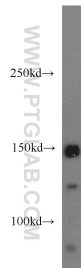
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

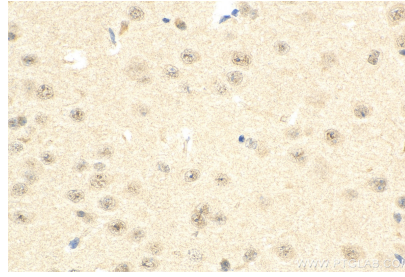
For technical support and original validation data for this product please contact:
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Selected Validation Data



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).