

For Research Use Only

USP44 Polyclonal antibody

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



Basic Information

Catalog Number: 15521-1-AP	GenBank Accession Number: BC030704	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 260 µg/ml by Nanodrop and 140 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 84101	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	Full Name: ubiquitin specific peptidase 44	
Isotype: IgG	Calculated MW: 81 kDa	
Immunogen Catalog Number: AG7888	Observed MW: 81 kDa	

Applications

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

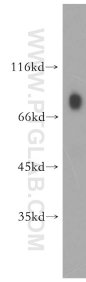
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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



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.