

For Research Use Only

# USP44 Polyclonal antibody

Catalog Number: 15521-1-AP

2 Publications



## Basic Information

Catalog Number:

15521-1-AP

Size:

150ul, Concentration: 260 µg/ml by Nanodrop and 140 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG7888

GenBank Accession Number:

BC030704

GeneID (NCBI):

84101

UNIPROT ID:

Q9H0E7

Full Name:

ubiquitin specific peptidase 44

Calculated MW:

81 kDa

Observed MW:

81 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse

Cited Species:

human

Positive Controls:

WB : human placenta tissue, mouse testis tissue

## 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

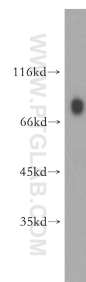
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## Selected Validation Data



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.