USP15 Polyclonal antibody

Catalog Number: 14354-1-AP

Basic Information

Catalog Number: 14354-1-AP
Size: 150μL, Concentration: 450 μg/ml by Nanodrop
Source: Rabbit
Isotype: IgG
Immunogen Catalog Number: AG5703

GenBank Accession Number: BC020688
GeneID (NCBI): 9958
Full Name: ubiquitin specific peptidase 15
Calculated MW: 112 kDa
Observed MW: 112 kDa

Purification Method: Antigen affinity purification
Recommended Dilutions:
WB 1:500-1:2000
IP 0.5-4.0 µg for IP and 1:500-1:2000 for WB
IHC 1:50-1:500

Applications

Tested Applications:
IHC, IP, WB, ELISA

Cited Applications:
CoIP, IF, IHC, WB

Species Specificity:
human, mouse, rat

Cited Species:
bovine, human, mouse, rat

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

Positive Controls:
WB: mouse brain tissue, HEK-293 cells, HeLa cells
IP: mouse brain tissue,
IHC: human breast cancer tissue, human ovary tumor tissue, human renal cell carcinoma tissue

Background Information

Ubiquitin is a highly conserved eukaryotic protein that is synthesized as a fusion protein precursor, either to itself or to one of two ribosomal proteins. USP15, is also named as KIAA0529,Unph-2, Unph4, encoding a human ubiquitin-specific protease (USP). The USP15 protein contains the highly conserved Cys and His boxes present in all members of the UBP family of deubiquitinating enzymes. It has 3 isoforms produced by alternative splicing.

Notable Publications

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<td>Kendra K S Nordgren</td>
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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: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.
Selected Validation Data

Mouse brain tissue were subjected to SDS PAGE followed by western blot with 14354-1-AP (USP15 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.

IP Result of anti-USP15 (IP:14354-1-AP, 4ug; Detection:14354-1-AP 1:1000) with mouse brain tissue lysate 4000ug.

Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 14354-1-AP (USP15 Antibody) at dilution of 1:200 (under 10x lens).

Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 14354-1-AP (USP15 Antibody) at dilution of 1:200 (under 40x lens).