

For Research Use Only

USP33 Polyclonal antibody

Catalog Number: 12060-2-AP



Basic Information

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| Catalog Number: 12060-2-AP | GenBank Accession Number: BC016663 | Purification Method: Antigen affinity purification |
| Size: 500 µg/ml | GeneID (NCBI): 23032 | Recommended Dilutions: WB 1:200-1:1000 IHC 1:20-1:200 |
| Source: Rabbit | UNIPROT ID: Q8TEY7 | |
| Isotype: IgG | Full Name: ubiquitin specific peptidase 33 | |
| Immunogen Catalog Number: AG2695 | Calculated MW: 942 aa, 107 kDa | |
| | Observed MW: 107 kDa/ 103 kDa/ 93 kDa | |

Applications

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| Tested Applications: IHC, WB, ELISA | Positive Controls: WB : HEK-293 cells, IHC : human medulloblastoma tissue, human prostate cancer tissue |
| Species Specificity: 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 | |

Background Information

USP33 (Ubiquitin carboxyl-terminal hydrolase 33) is also named as KIAA1097, VDU1 and belongs to the peptidase C19 family. This protein, originally identified as a von Hippel-Lindau tumor suppressor (VHL) protein-interacting deubiquitinating enzyme, binds to the Robo1 receptor, and that USP33 is required for Slit responsiveness in breast cancer cells (PMID:19706539). The localization of USP33 is broadly confined to the secretory pathway, with all variants localizing to endoplasmic reticulum-associated structures (PMID:21801292). It has 3 isoforms produced by alternative splicing.

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:

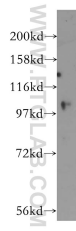
T: 4006900926

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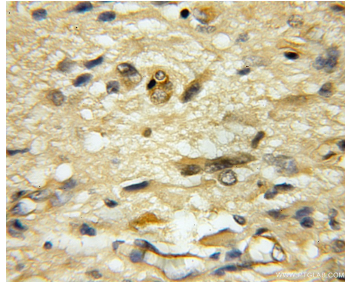
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Selected Validation Data



HEK-293 cells were subjected to SDS PAGE followed by western blot with 12060-2-AP (USP33 antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human medulloblastoma using 12060-2-AP (USP33 antibody) at dilution of 1:50 (under 10x lens).