USP33 Polyclonal antibody

Catalog Number:**12060-2-AP**

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Basic Information

Catalog Number:
12060-2-AP

Size:
150ul , Concentration: 500 ug/ml by Nanodrop;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG2695

GenBank Accession Number:
BC016663

GeneID (NCBI):
23032

UNIPROT ID:
Q8TEY7

Full Name:
ubiquitin specific peptidase 33

Calculated MW:
942 aa, 107 kDa

Observed MW:
107 kDa/ 103 kDa/ 93 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB 1:200-1:1000
IHC 1:20-1:200

Applications

Tested Applications:
WB, IHC, ELISA

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

Positive Controls:

WB : HEK-293 cells,

IHC : human medulloblastoma tissue, human prostate cancer tissue

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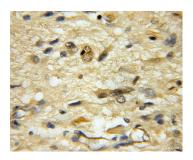PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

200kd→
158kd→
116kd→
97kd→
72kd→
56kd→

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).