

USP33 Polyclonal Antibody

Catalog number: 12060-2-AP

Size: 32 µg/150 µl

Source: Rabbit

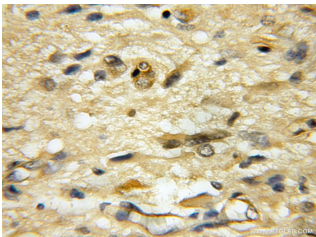
Isotype: IgG

Synonyms:

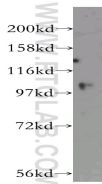
USP33; Deubiquitinating enzyme 33, hVDU1, KIAA1097,

Ubiquitin thiolesterase 33,

USP33, VDU1



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



HEK-293 cells were subjected to SDS PAGE followed by western blot with 12060-2-AP (USP33 antibody) at dilution of 1:400

Background

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.

Applications

Tested applications:	ELISA, WB, IHC
Species specificity:	Human, Mouse, Rat; other species not tested.
Calculated USP33 MW:	942aa, 107 kDa
Observed USP33 MW:	107 kDa / 103 kDa / 93 kDa
Positive WB detected in	HEK-293 cells
Positive IHC detected in	Human medulloblastoma tissue, human prostate cancer tissue
Recommended dilution:	WB: 1:200-1:1000 IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag2695
GenBank accession number:	BC016663
Gene ID (NCBI):	23032
Full name:	Ubiquitin specific peptidase 33

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.