

Rabbit anti-Human USP33 Polyclonal Antibody | anti-USP33 antibody

USP33 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA230294	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

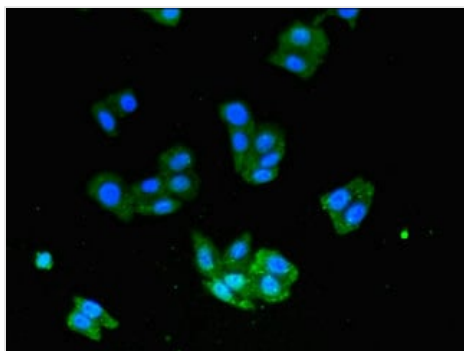
PRODUCT SYNONYMS

USP33; Polyclonal Antibody; USP33 Antibody; Ubiquitin carboxyl-terminal hydrolase 33; Deubiquitinating enzyme 33; Ubiquitin thioesterase 33; Ubiquitin-specific-processing protease 33; VHL-interacting deubiquitinating enzyme 1; hVDU1; KIAA1097; VDU1; anti-USP33 antibody

PRODUCT SPECIFICATIONS

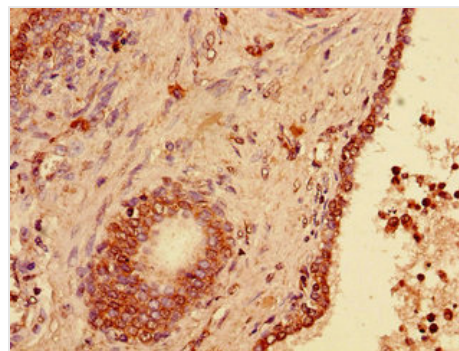
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%,Protein G purified
Form/Format	Liquid
Sequence Length	942
Applicable Applications for anti-USP33 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant human Ubiquitin carboxyl-terminal hydrolase 33 protein
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-82095 / sc-82096
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

IMAGES



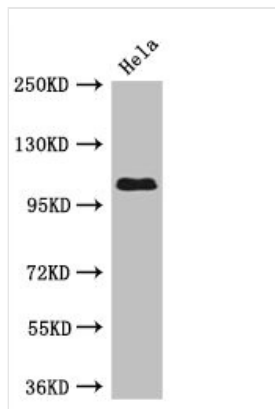
IHC (Immunohistochemisry)

Immunofluorescent analysis of HepG2 cells using AAA230294 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded human prostate cancer using AAA230294 at dilution of 1:100



WB (Western Blot)
 Western BlotPositive WB detected in:HeLa whole cell lysateAll lanes: USP33 antibody at 3ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 107,104,94 kDaObserved band size: 107 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-USP33 antibody	Deubiquitinating enzyme involved in various processes such as centrosome duplication, cellular migration and beta-2 adrenergic receptor/ADRB2 recycling. Involved in regulation of centrosome duplication by mediating deubiquitination of CCP110 in S and G2/M phase, leading to stabilize CCP110 during the period which centrioles duplicate and elongate. Involved in cell migration via its interaction with intracellular domain of ROBO1, leading to regulate the Slit signaling. Plays a role in commissural axon guidance cross the ventral midline of the neural tube in a Slit-dependent manner, possibly by mediating the deubiquitination of ROBO1. Acts as a regulator of G-protein coupled receptor (GPCR) signaling by mediating the deubiquitination of beta-arrestins (ARRB1 and ARRB2) and beta-2 adrenergic receptor (ADRB2). Plays a central role in ADRB2 recycling and resensitization after prolonged agonist stimulation by constitutively binding ADRB2, mediating deubiquitination of ADRB2 and inhibiting lysosomal trafficking of ADRB2. Upon dissociation, it is probably transferred to the translocated beta-arrestins, leading to beta-arrestins deubiquitination and disengagement from ADRB2. This suggests the existence of a dynamic exchange between the ADRB2 and beta-arrestins. Deubiquitinates DIO2, thereby regulating thyroid hormone regulation. Mediates deubiquitination of both 'Lys-48'- and 'Lys-63'-linked polyubiquitin chains.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	42516567
NCBI GeneID	23032
NCBI Accession #	NP_055832.3
NCBI GenBank Nucleotide #	NM_015017.4
UniProt Accession #	Q8TEY7; Q8TEY6; Q96AV6; Q9H9F0; Q9UPQ5
Molecular Weight	93,957 Da
NCBI Official Full Name	ubiquitin carboxyl-terminal hydrolase 33 isoform 1
NCBI Official Synonym Full Names	ubiquitin specific peptidase 33
NCBI Official Symbol	USP33
NCBI Official Synonym Symbols	VDU1
NCBI Protein Information	ubiquitin carboxyl-terminal hydrolase 33
UniProt Protein Name	Ubiquitin carboxyl-terminal hydrolase 33
UniProt Gene Name	USP33
UniProt Synonym Gene Names	KIAA1097; VDU1; hVDU1
UniProt Entry Name	UBP33_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/usp33-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/230294>