

Rabbit anti-Human, Mouse USP20/VDU2 Polyclonal Antibody | anti-USP20/VDU2 antibody

Rabbit anti-USP20/VDU2 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211348	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

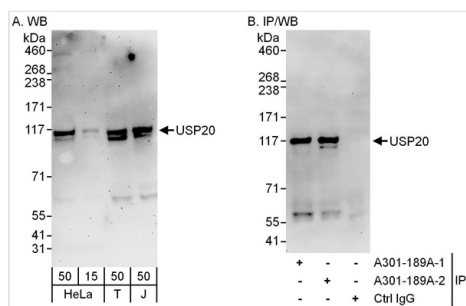
PRODUCT SYNONYMS

USP20/VDU2; Polyclonal Antibody; Rabbit anti-USP20/VDU2 Antibody; Affinity Purified; ubiquitin carboxyl-terminal hydrolase 20; VDU2; ubiquitin-specific-processing protease 20; VHL-interacting deubiquitinating enzyme 2; ubiquitin thioesterase 20; LSFR3A; hVDU2; deubiquitinating enzyme 20; ubiquitin thiolesterase 20; pVHL-interacting deubiquitinating enzyme 2; Ubiquitin carboxyl-terminal hydrolase 20; ubiquitin specific peptidase 20; anti-USP20/VDU2 antibody

PRODUCT SPECIFICATIONS

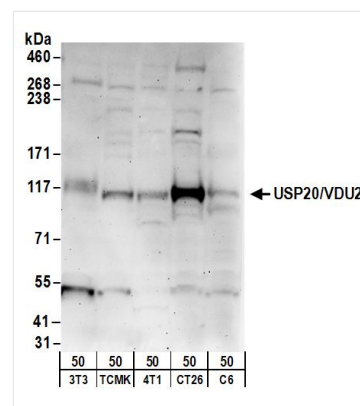
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-USP20/VDU2 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 864 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human USP20/VDU2 by western blot and immunoprecipitation. Samples: Whole cell lysate from HeLa (15 and 50 ug for WB; 1 mg for IP, 20% of IP loaded), HEK293T (T; 50 ug) and Jurkat (J; 50 ug) cells. Antibodies: Affinity purified rabbit anti-USP20/VDU2 antibody AAA211348 (lot AAA211348-2) used for WB at 0.1 ug/ml (A) and 1 ug/ml (B) and used for IP at 3 ug/ml lysate. USP20/VDU2 was also immunoprecipitated by a previous lot (lot AAA211348-1) of this antibody. Detection: Chemiluminescence with exposure times of 3 minutes (A) and 30 seconds (B).



WB (Western Blot)

Detection of mouse USP20/VDU2 by western blot. Samples: Whole cell lysate (50 ug) from NIH 3T3, TCMK-1, 4T1, CT26.WT, and rat C6 cells. Antibodies: Affinity purified rabbit anti-USP20/VDU2 antibody AAA211348 (lot AAA211348-2) used for WB at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.

ADDITIONAL INFORMATION

Related Product Information for anti-USP20/VDU2 antibody	The conjugation of ubiquitin to proteins is an important means to regulate protein activity for many cellular processes by tagging them for degradation. Removal of Ub can rescue proteins from degradation. This is accomplished by the ubiquitin-specific processing protease (UBP) family of enzymes. Ubiquitin specific peptidase 20 (USP20) is a UBP and is also called von-Hippel-Lindau protein (pVHL) interacting deubiquitinating enzyme 2 (VDU2). pVHL is an E3 ubiquitin-ligase that ubiquitinates hypoxia-inducible factor (HIF)-1alpha. USP20/VDU2 functions to specifically deubiquitinate HIF-1alpha to increase expression of HIF-1alpha regulated genes.
Product Categories/Family for anti-USP20/VDU2 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	10868
UniProt Accession #	Q9Y2K6
UniProt Protein Name	Ubiquitin carboxyl-terminal hydrolase 20
UniProt Gene Name	USP20
UniProt Synonym Gene Names	KIAA1003; LSFR3A; VDU2
UniProt Entry Name	UBP20_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/usp20-vdubody-immunoprecipitation-western-blot-elisa/211348>