

Rabbit USP20 Polyclonal Antibody | anti-USP20 antibody

USP20 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290392	Rabbit	Human, mouse (Predicted Reactivity: Bovine)	ELISA, Western Blot

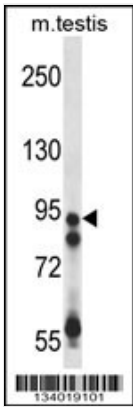
PRODUCT SYNONYMS

USP20; Polyclonal Antibody; USP20 Antibody (Center); Ubiquitin carboxyl-terminal hydrolase 20; Deubiquitinating enzyme 20; Ubiquitin thioesterase 20; Ubiquitin-specific-processing protease 20; VHL-interacting deubiquitinating enzyme 2; hVDU2; KIAA1003; LSFR3A; VDU2; anti-USP20 antibody

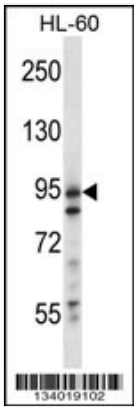
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Bovine)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This USP20 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 310-339 amino acids from the Central region of human USP20.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	310-339
Sequence Length	914
Applicable Applications for anti-USP20 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
USP20 Antibody (Center) western blot analysis in mouse testis tissue lysates (35ug/lane). This demonstrates the USP20 antibody detected the USP20 protein (arrow).



WB (Western Blot)
USP20 Antibody (Center) western blot analysis in HL-60 cell line lysates (35ug/lane). This demonstrates the USP20 antibody detected the USP20 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-USP20 antibody	Deubiquitinating enzyme involved in beta-2 adrenergic receptor (ADRB2) recycling. Acts as a regulator of G-protein coupled receptor (GPCR) signaling by mediating the deubiquitination 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, possibly 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. Deubiquitinates HIF1A, leading to stabilize HIF1A and enhance HIF1A-mediated activity. Mediates deubiquitination of both 'Lys-48'-and 'Lys-63'-linked polyubiquitin chains.
Product Categories/Family for anti-USP20 antibody	Cell Biology
References	Yoshida, T., et al. Int. J. Mol. Med. 25(4):649-656(2010) Oguri, M., et al. Am. J. Hypertens. 23(1):70-77(2010) Berthouze, M., et al. EMBO J. 28(12):1684-1696(2009) Olsen, J.V., et al. Cell 127(3):635-648(2006) Li, Z., et al. EMBO Rep. 6(4):373-378(2005)

NCBI AND UNIPROT INFORMATION

NCBI GI #	183397136
NCBI GeneID	10868
NCBI Accession #	NP_001008563.2; NP_001103773.2; NP_006667.3
NCBI GenBank Nucleotide #	NM_001008563.4
UniProt Accession #	Q9Y2K6; Q541F1; Q8IXQ1; Q96LG5; Q9UQN8; Q9UQP0
Molecular Weight	102003
NCBI Official Full Name	ubiquitin carboxyl-terminal hydrolase 20
NCBI Official Synonym Full Names	ubiquitin specific peptidase 20
NCBI Official Symbol	USP20
NCBI Official Synonym Symbols	VDU2; hVDU2; LSFR3A
NCBI Protein Information	ubiquitin carboxyl-terminal hydrolase 20
UniProt Protein Name	Ubiquitin carboxyl-terminal hydrolase 20

UniProt Gene Name	USP20
UniProt Synonym Gene Names	KIAA1003; LSFR3A; VDU2; hVDU2
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-antibody-western-blot-elisa/290392>