

DATASHEET

USP20 Rabbit Polyclonal Antibody

CAT. NO. APA17261

KEY FEATURES

Target	USP20	Source / Host	Rabbit
Reactivity	Human, Mouse	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

BACKGROUND

Deubiquitinating enzyme that plays a role in many cellular processes including autophagy, cellular antiviral response or membrane protein biogenesis . Attenuates TLR4-mediated NF-kappa-B signaling by cooperating with beta-arrestin-2/ARRB2 and inhibiting TRAF6 autoubiquitination . Promotes cellular antiviral responses by deconjugating 'Lys-33' and 'Lys-48'-linked ubiquitination of STING1 leading to its stabilization . Plays an essential role in autophagy induction by regulating the ULK1 stability through deubiquitination of ULK1 . Acts as a positive regulator for NF-kappa-B activation by TNF through deubiquitinating 'Lys-48'-linked polyubiquitination of SQSTM1, leading to its increased stability .

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

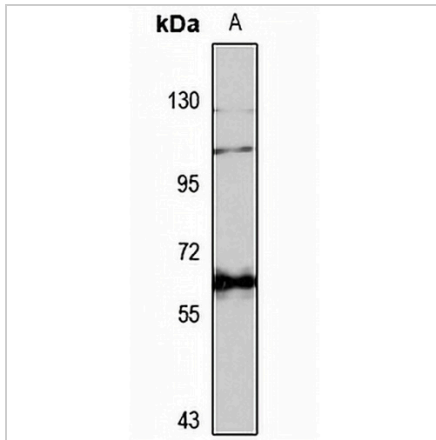
Description	Rabbit polyclonal antibody to USP20
Specificity	Recognizes endogenous levels of USP20 protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human USP20. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 102 kD; Observed: 110 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	KIAA1003; LSFR3A; VDU2; Ubiquitin carboxyl-terminal hydrolase 20; Deubiquitinating enzyme 20; Ubiquitin thioesterase 20; Ubiquitin-specific-processing protease 20; VHL-interacting deubiquitinating enzyme 2; hVDU2
Gene Symbol	USP20
Entrez Gene	10868(Human); 74270(Mouse)
SwissProt	Q9Y2K6(Human); Q8C6M1(Mouse)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of USP20 expression in HepG2 (A) whole cell lysates. (Predicted band size: 102 kD; Observed band size: 110 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.