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Datasheet for ABIN7174287
anti-USP2 antibody (C-Term) (HRP)

Overview

Quantity:	100 µg
Target:	USP2
Binding Specificity:	AA 258-417, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This USP2 antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Ubiquitin carboxyl-terminal hydrolase 20 protein (258-417AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	USP2
Alternative Name:	USP2 (USP2 Products)
Background:	Background: Deubiquitinating enzyme involved in beta-2 adrenergic receptor (ADRB2) recycling. Acts as a regulator of G-protein coupled receptor (GPCR) signaling by mediating the

Target Details

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.

Aliases: Deubiquitinating enzyme 20 antibody, hVDU2 antibody, KIAA1003 antibody, LSFR 3A antibody, LSFR3A antibody, pVHL interacting deubiquitinating enzyme 2 antibody, Ubiquitin carboxyl terminal hydrolase 20 antibody, Ubiquitin carboxyl-terminal hydrolase 20 antibody, ubiquitin specific peptidase 20 antibody, Ubiquitin specific processing protease 20 antibody, Ubiquitin specific protease 20 antibody, Ubiquitin thioesterase 20 antibody, Ubiquitin thiolesterase 20 antibody, Ubiquitin-specific-processing protease 20 antibody, UBP20_HUMAN antibody, USP 20 antibody, USP20 antibody, VDU 2 antibody, VDU2 antibody, VHL interacting deubiquitinating enzyme 2 antibody, VHL-interacting deubiquitinating enzyme 2 antibody

UniProt: [Q9Y2K6](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.