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Datasheet for ABIN7174571 anti-ube3a antibody (AA 83-234)

2 Images



Overview

Quantity:	100 µg
Target:	ube3a
Binding Specificity:	AA 83-234
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ube3a antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Ubiquitin-protein ligase E3A protein (83-234AA)
Isotype:	lgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	ube3a
Alternative Name:	UBE3A (ube3a Products)
Background:	Background: E3 ubiquitin-protein ligase which accepts ubiquitin from an E2 ubiquitin-
	conjugating enzyme in the form of a thioester and transfers it to its substrates. Several

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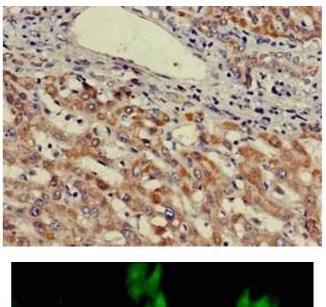
	substrates have been identified including the RAD23A and RAD23B, MCM7 (which is involved in
	DNA replication), annexin A1, the PML tumor suppressor, and the cell cycle regulator CDKN1B.
	Catalyzes the high-risk human papilloma virus E6-mediated ubiquitination of p53/TP53,
	contributing to the neoplastic progression of cells infected by these viruses. Additionally, may
	function as a cellular quality control ubiquitin ligase by helping the degradation of the
	cytoplasmic misfolded proteins. Finally, UBE3A also promotes its own degradation in vivo.
	Plays an important role in the regulation of the circadian clock: involved in the ubiquitination of
	the core clock component ARNTL/BMAL1, leading to its proteasomal degradation
	(PubMed:24728990).
	Aliases: ANCR antibody, Angelman syndrome antibody, AS antibody, CTCL tumor antigen se37
	2 antibody, CTCL tumor antigen se37-2 antibody, E6 AP antibody, E6AP antibody, E6AP
	ubiquitin protein ligase antibody, E6AP ubiquitin-protein ligase antibody, EPVE6AP antibody,
	FLJ26981 antibody, HECT-type ubiquitin transferase E3A antibody, HPVE6A antibody, Human
	papilloma virus E6 associated protein Angelman syndrome antibody, Human papilloma virus E6
	associated protein antibody, Human papillomavirus E6-associated protein antibody, NY REN 54
	antigen antibody, Oncogenic protein associated protein E6 AP antibody, Oncogenic protein
	associated protein E6AP antibody, Oncogenic protein-associated protein E6-AP antibody, Renal
	carcinoma antigen NY REN 54 antibody, Renal carcinoma antigen NY-REN-54 antibody, UBE 3A
	antibody, Ube3a antibody, UBE3A protein antibody, UBE3A_HUMAN antibody, Ubiquitin protein
	ligase E3A antibody, Ubiquitin-protein ligase E3A antibody
UniProt:	Q05086
Pathways:	Intracellular Steroid Hormone Receptor Signaling Pathway
Application Details	
Application Notes:	Recommended dilution: IHC:1:20-1:200, IF:1:50-1:200,
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

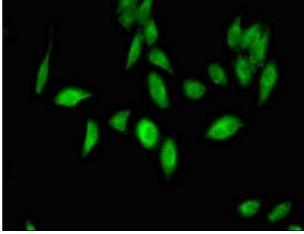
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Handling

	handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images





Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human liver cancer using ABIN7174571 at dilution of 1:100

Immunofluorescence

Image 2. Immunofluorescent analysis of Hela cells using ABIN7174571 at dilution of 1:100 and Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L)

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