

Datasheet for ABIN7174572

anti-ube3a antibody (AA 83-234) (Biotin)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	ube3a
Binding Specificity:	AA 83-234
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ube3a antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Ubiquitin-protein ligase E3A protein (83-234AA)
Isotype:	IgG
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

Target Details

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: 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

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.