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# Datasheet for ABIN2774737 anti-UBE2J1 antibody (N-Term)

5 Images



#### Overview

Quantity:	100 μL
Target:	UBE2J1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Guinea Pig, Rabbit, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UBE2J1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

# Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human UBE2J1
Sequence:	METRYNLKSP AVKRLMKEAA ELKDPTDHYH AQPLEDNLFE WHFTVRGPPD
Predicted Reactivity:	Guinea Pig: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 86%
Characteristics:	This is a rabbit polyclonal antibody against UBE2J1. It was validated on Western Blot and immunohistochemistry.
Purification:	Protein A purified
Target Details	
Target:	UBE2J1

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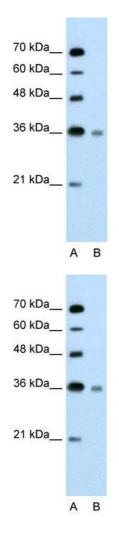
Alternative Name:	UBE2J1 (UBE2J1 Products)
Background:	The modification of proteins with ubiquitin is an important cellular mechanism for targeting
	abnormal or short-lived proteins for degradation. Ubiquitination involves at least three classes
	of enzymes: ubiquitin-activating enzymes, or E1s, ubiquitin-conjugating enzymes, or E2s, and
	ubiquitin-protein ligases, or E3s. UBE2J1 is a member of the E2 ubiquitin-conjugating enzyme
	family. This enzyme is located in the membrane of the endoplasmic reticulum (ER) and may
	contribute to quality control ER-associated degradation by the ubiquitin-proteasome
	system. The modification of proteins with ubiquitin is an important cellular mechanism for
	targeting abnormal or short-lived proteins for degradation. Ubiquitination involves at least three
	classes of enzymes: ubiquitin-activating enzymes, or E1s, ubiquitin-conjugating enzymes, or
	E2s, and ubiquitin-protein ligases, or E3s. This gene encodes a member of the E2 ubiquitin-
	conjugating enzyme family. This enzyme is located in the membrane of the endoplasmic
	reticulum (ER) and may contribute to quality control ER-associated degradation by the
	ubiquitin-proteasome system.
	Alias Symbols: CGI-76, HSPC153, HSPC205, HSU93243, MGC12555, NCUBE1, Ubc6p, UBC6,
	NCUBE-1
	Protein Interaction Partner: UBC, UBA1, MAPKAPK2, OS9, RNF5, PARK2, DIO2, SOX6, TP53,
	AUP1, ASNA1, DERL3, DERL1, YOD1, DERL2, FAF2, VCP, SEL1L, ELAVL1, HLA-A, BIRC2,
	LRSAM1, TRIM63, SYVN1, TOPORS, PJA2, RNF2, TRIM27, BRCA1, BIRC3,
	Protein Size: 318
Molecular Weight:	35 kDa
Gene ID:	51465
NCBI Accession:	NM_016021, NP_057105
UniProt:	Q9Y385
Application Details	
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 318 AA
Restrictions:	For Research Use only
Handling	

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## Handling

Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

#### Images



### Western Blotting

**Image 1.** WB Suggested Anti-UBE2J1 Antibody Titration: 2.5ug/ml Positive Control: Jurkat cell lysate UBE2J1 is supported by BioGPS gene expression data to be expressed in Jurkat

#### **Western Blotting**

Image 2. WB Suggested Anti-UBE2J1

Antibody Titration: 2.5  $\mu\text{g/mL}$ 

Positive Control: Jurkat cell lysate

UBE2J1 is supported by BioGPS gene expression data to be expressed in Jurkat

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#### Immunohistochemistry

Contraction of the second

**Image 3.** Rabbit Anti-UBE2J1 Antibody Paraffin Embedded Tissue: Human alveolar cell Cellular Data: Epithelial cells of renal tubule Antibody Concentration: 4.0-8.0 ug/ml Magnification: 400X

Please check the product details page for more images. Overall 5 images are available for ABIN2774737.