

Datasheet for ABIN2775680
anti-UBE2I antibody (N-Term)



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2 Images

Overview

Quantity:	100 µL
Target:	UBE2I
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Zebrafish (Danio rerio), Dog, Cow, Rabbit, Horse, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UBE2I antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human UBE2I
Sequence:	MSGIALSRLA QERKAWRKDH PFGFVAVPTK NPDGTMNLMN WECAIPGKKG
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against UBE2I. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	UBE2I
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Target Details

Alternative Name:	UBE2I (UBE2I Products)
Background:	<p>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. UBE2I is a member of the E2 ubiquitin-conjugating enzyme family. 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. Four alternatively spliced transcript variants encoding the same protein have been found for this gene.</p> <p>Alias Symbols: C358B7.1, P18, UBC9</p> <p>Protein Interaction Partner: TRIM21, SP100, SUMO2, RANGAP1, PTEN, LMO2, PIAS2, TRIM23, PARP1, PIAS4, UBXN1, USP25, SETBP1, SIRT1, PUF60, HMGA1, GOLGA2, FHL3, ELK1, DES, DAXX, CREBBP, CLK2, RCBTB2, CEBPD, CBS, CAPN2, PPARGC1A, RFPL3, TRIM38, IKZF1, RNF40, XBP1, KRT19, HNRNPC, ZBTB8A,</p> <p>Protein Size: 158</p>
Molecular Weight:	17 kDa
Gene ID:	7329
NCBI Accession:	NM_003345 , NP_003336
UniProt:	P63279
Pathways:	Intracellular Steroid Hormone Receptor Signaling Pathway , Regulation of Intracellular Steroid Hormone Receptor Signaling , Ubiquitin Proteasome Pathway

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 158 AA
Restrictions:	For Research Use only

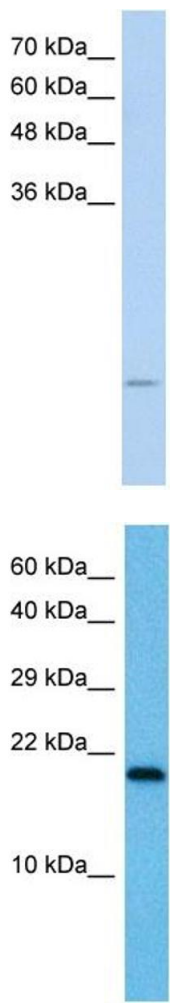
Handling

Format:	Liquid
Concentration:	Lot specific

Handling

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-UBE2I Antibody Titration: 2.5ug/ml Positive Control: Jurkat cell lysate There is BioGPS gene expression data showing that UBE2I is expressed in Jurkat

Western Blotting

Image 2. Host: Mouse Target Name: UBE2I Sample Tissue: Mouse Testis Antibody Dilution: 1ug/ml