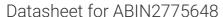
# antibodies .- online.com







## anti-ube3a antibody (Middle Region)





$\sim$	
( )\/△	rview
$\cup$	1 410 44

Quantity:	100 μL
Target:	ube3a
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Rabbit, Dog, Guinea Pig, Horse, Zebrafish (Danio rerio), Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ube3a antibody is un-conjugated
Application:	Western Blotting (WB)

#### **Product Details**

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human UBE3A
Sequence:	AKNGPDTERL PTSHTCFNVL LLPEYSSKEK LKERLLKAIT YAKGFGML
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 86%
Characteristics:	This is a rabbit polyclonal antibody against UBE3A. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

### Target Details

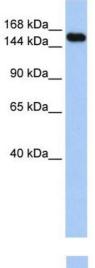
Target: ube3a

Alternative Name:	UBE3A (ube3a Products)
Background:	UBE3A is an E3 ubiquitin-protein ligase, part of the ubiquitin protein degradation system. This
	imprinted gene is maternally expressed in brain and biallelically expressed in other tissues.
	Maternally inherited deletion of this gene causes Angelman Syndrome, characterized by severe
	motor and intellectual retardation, ataxia, hypotonia, epilepsy, absence of speech, and
	characteristic facies. The protein also interacts with the E6 protein of human papillomavirus
	types 16 and 18, resulting in ubiquitination and proteolysis of tumor protein p53. Western blots
	using two different antibodies against two unique regions of this protein target confirm the
	same apparent molecular weight in our tests. This gene encodes an E3 ubiquitin-protein ligase,
	part of the ubiquitin protein degradation system. This imprinted gene is maternally expressed in
	brain and biallelically expressed in other tissues. Maternally inherited deletion of this gene
	causes Angelman Syndrome, characterized by severe motor and intellectual retardation, ataxia
	hypotonia, epilepsy, absence of speech, and characteristic facies. The protein also interacts
	with the E6 protein of human papillomavirus types 16 and 18, resulting in ubiquitination and
	proteolysis of tumor protein p53. Alternative splicing of this gene results in three transcript
	variants encoding three isoforms with different N-termini. Additional transcript variants have
	been described, but their full length nature has not been determined.
	Alias Symbols: ANCR, AS, E6-AP, EPVE6AP, FLJ26981, HPVE6A
	Protein Interaction Partner: KLHL38, UBE2D1, UBB, TP53, TAT, AFG3L1P, ATG9A, ASAP3, AHSF
	UBE3A, UBC, MEOX2, MAGEA8, JADE1, YOD1, UBE2L3, UBE2D3, PSMD14, SHFM1, ARNTL, LPF
	HSF1, DR1, BTF3L4, LRSAM1, P3H1, NPLOC4, IPO11, DBNL, LSM1, ARPC1B, METTL1, SACS,
	ARC, RAD23A, PTPN3, CEBPA, SC
	Protein Size: 875
Molecular Weight:	101 kDa
Gene ID:	7337
NCBI Accession:	NM_000462, NP_000453
UniProt:	Q05086
Pathways:	Intracellular Steroid Hormone Receptor Signaling Pathway
Application Details	
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 875 AA
Restrictions:	For Research Use only

#### Handling

Format:	Liquid
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-UBE3A Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: Hela cell lysate UBE3A is strongly supported by BioGPS gene expression data to be expressed in Human HeLa cells



#### **Western Blotting**

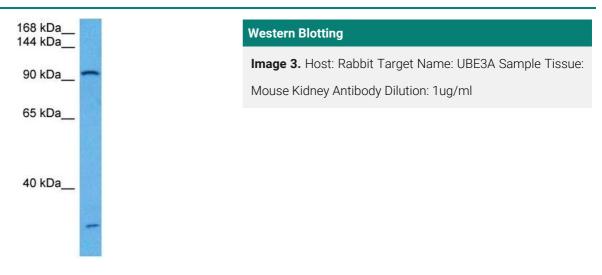
Image 2. WB Suggested Anti-UBE3A

Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:.12500

Positive Control: Hela cell lysate

UBE3A is strongly supported by BioGPS gene expression

data to be expressed in Human HeLa cells



Please check the product details page for more images. Overall 4 images are available for ABIN2775648.