Datasheet for ABIN2775686
anti-UBE2M antibody (N-Term)

7	Images

1	Publication

Overview

Quantity:	100 μL
Target:	UBE2M (ube2m)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Rabbit, Cow, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UBE2M 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 UBE2M
Sequence:	IKLFSLKQQK KEEESAGGTK GSSKKASAAQ LRIQKDINEL NLPKTCDISF
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against UBE2M. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	UBE2M (ube2m)

Target Details

Alternative Name:	UBE2M (ube2m 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. UBE2M is a member of the E2 ubiquitin-conjugating enzyme family. It is linked with a ubiquitin-like protein, NEDD8, which can be conjugated to cellular proteins, such as Cdc53/culin.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. The encoded protein is linked with a ubiquitin-like protein, NEDD8, which can be conjugated to cellular proteins, such as Cdc53/culin. Alias Symbols: UBC-RS2, UBC12, hUbc12 Protein Interaction Partner: DCUN1D1, DCUN1D4, RBX1, UBC, MARCH7, UBE2M, CUL1, DCUN1D3, SMURF1, CAND1, DCUN1D2, NEDD8, DCUN1D5, LMNA, VCAM1, ITGA4, FN1, VCP, UBE2D2, TYMS, TST, VAMP2, PARK2, PINK1, UBE2T, SEC22B, SLC9A3R2, APP, CUL3, CUL4A, TP53, UBD, COPS6, UBA3, NAE1, CUL2, Nedd4, Protein Size: 183
Molecular Weight:	21 kDa
Gene ID:	9040
NCBI Accession:	NM_003969, NP_003960
UniProt:	P61081

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 183 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 %

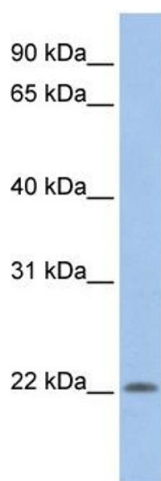## Handling

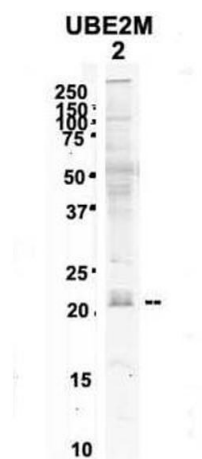|	
	sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

Product cited in:	Tordjman, Leroyer, Chauvet, Quette, Chauvet, Tomkiewicz, Chapron, Barouki, Forest, Aggerbeck, Antoine: "Cytosolic aspartate aminotransferase, a new partner in adipocyte glyceroneogenesis and an atypical target of thiazolidinedione." in: **The Journal of biological chemistry**, Vol. 282, Issue 32, pp. 23591-602, (2007) ([PubMed](#)).

Images

Western Blotting

Image 1. WB Suggested Anti-UBE2M Antibody Titration: 0.2-1 ug/ml Positive Control: 721_B cell lysate UBE2M is supported by BioGPS gene expression data to be expressed in 721_B

Images

See Immunoblot 2 Data for more information.

Western Blotting

Image 2. Sample Type:2. mouse brain extracts (80ug)

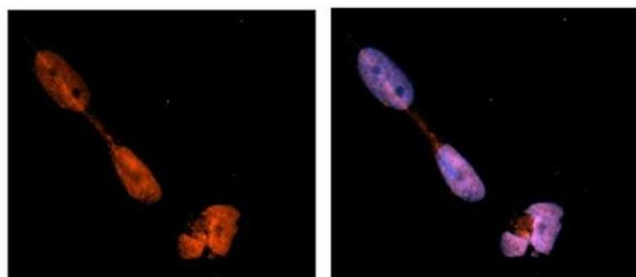**Primary Antibody Dilution:** 2ug/ml

Secondary Antibody: IRDye 800CW goat anti-rabbit from Li-COR Bioscience

Secondary Antibody Dilution: 1: 20,000

Image Submitted by: Yuzhi Chen

University of Arkansas for Medical Science

See Immunohistochemistry 1 Data and Customer Feedback tab for more information.

Immunohistochemistry

Image 3. Sample Type: NT2 cells

Red: Antibody

Blue: DAPI

Primary Dilution: 1ug/50ul antibody

Secondary Antibody: Alexa goat anti-rabbit 594

Image Submitted by: Yuzhi Chen, University of Arkansas for Medical Sciences

Please check the product details page for more images. Overall 7 images are available for ABIN2775686.