

Rabbit UBE2N Polyclonal Antibody | anti-UBE2N antibody

UBE2N antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197530	Rabbit	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep, Yeast, Zebrafish	Western Blot, Immunohistochemistry

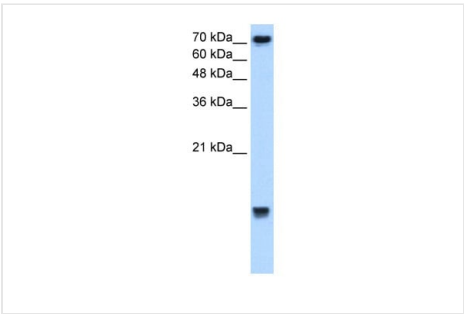
PRODUCT SYNONYMS

UBE2N; Polyclonal Antibody; UBE2N antibody - middle region; anti-UBE2N antibody

PRODUCT SPECIFICATIONS

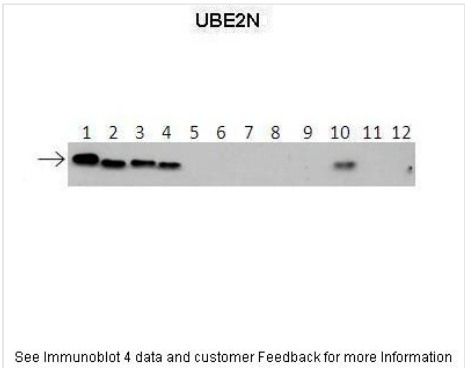
Host	Rabbit
Reactivity	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep, Yeast, Zebrafish
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: GR ICLDILKDKW SPALQIRTVL LSIQALLSAP NPDDPLANDV AEQWKTNE
Sequence Length	152
Applicable Applications for anti-UBE2N antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Goat: 93%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Sheep: 100%; Yeast: 100%; Zebrafish: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human UBE2N
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



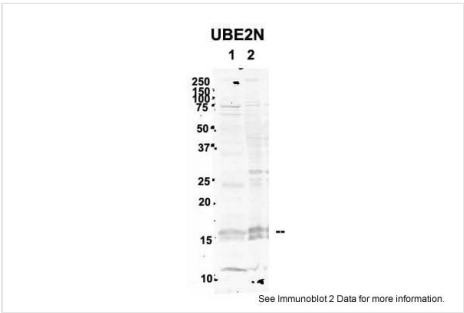
WB (Western Blot)

WB Suggested Anti-UBE2N Antibody Titration: 2.5ug/mlPositive Control: Jurkat cell lysateUBE2N is strongly supported by BioGPS gene expression data to be expressed in Human Jurkat cells



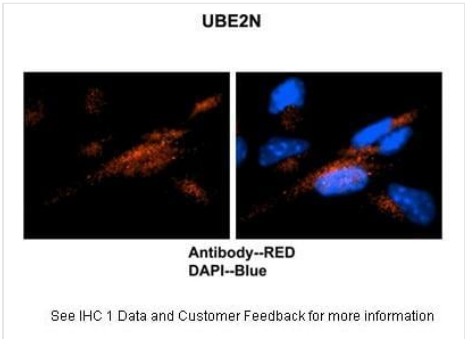
WB (Western Blot)

Lanes:1: 40ng HIS-UBE2D1 protein2: 40ng HIS-UBE2D2 protein3: 40ng HIS-UBE2D3 protein4: 40ng HIS-UBE2D4 protein5: 40ng HIS-UBE2E1 protein6: 40ng HIS-UBE2E2 protein7: 40ng HIS-UBE2E3 protein8: 40ng HIS-UBE2K protein9: 40ng HIS-UBE2L3 protein10: 40ng HIS-UBE2N protein11: 40ng HIS-UBE2V1 protein12: 40ng HIS-UBE2V2 protein.Primary Antibody Dilution:1:500Secondary Antibody:Anti-rabbit-HRPSecondary Antibody Dilution:1:50,000Gene Name:UBE2NSubmitted by:Dr Chris Boutell. MRC-UoG Centre for Virus Research (CVR), UK.



WB (Western Blot)

Sample Type: Human NT-2, mouse brainSample Type: 1. Human NT-2 cells (60ug)2. mouse brain extracts (80ug)Primary Antibody Dilution:2ug/mlSecondary Antibody: IRDye 800CW goat anti-rabbit from Li-COR BioscienceSecondary Antibody Dilution:1:20,000Image Submitted by: Yuzhi ChenUniversity of Arkansas for Medical Science



IHC (Immunohistochemistry)

Sample Type :Mouse brain stem cellsPrimary Antibody Dilution :1:500Secondary Antibody :Goat anti-rabbit Alexa-Fluor 594Secondary Antibody Dilution :1:1000Color/Signal Descriptions :UBE2N: Red DAPI:BlueGene Name :UBE2NSubmitted by :Dr. Yuzhi Chen, University of Arkansas for Medical Science

ADDITIONAL INFORMATION

Related Product Information for anti-UBE2N antibody	This is a rabbit polyclonal antibody against UBE2N. It was validated on Western Blot using a cell lysate as a positive control. Target Description: UBE2N encodes 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. Studies in mouse suggest that this protein plays a role in DNA postreplication repair.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. Studies in mouse suggest that this protein plays a role in DNA postreplication repair.
Product Categories/Family for anti-UBE2N antibody	Polyclonal; Transcription Regulation; DNA Damage & Repair; E3 & Ubiquitin; Immunohistochemistry; DNA Repair; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507793
NCBI GeneID	7334

NCBI Accession #	NP_003339
NCBI GenBank Nucleotide #	NM_003348
UniProt Accession #	P61088
Molecular Weight	17kDa
NCBI Official Full Name	ubiquitin-conjugating enzyme E2 N
NCBI Official Synonym Full Names	ubiquitin conjugating enzyme E2 N
NCBI Official Symbol	UBE2N
NCBI Official Synonym Symbols	UBC13; Ubch13; HEL-S-71; Ubch-ben; UBCHBEN; UBC13
NCBI Protein Information	ubiquitin-conjugating enzyme E2 N
UniProt Protein Name	Ubiquitin-conjugating enzyme E2 N
UniProt Gene Name	UBE2N
UniProt Synonym Gene Names	BLU
UniProt Entry Name	UBE2N_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ube2n-antibody-western-blot-immunohistochemistry-elisa/197530>