

Rabbit UBE2N Polyclonal Antibody | anti-UBE2N antibody

UBE2N antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197718	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep, Yeast, Zebrafish	Western Blot, Immunohistochemistry

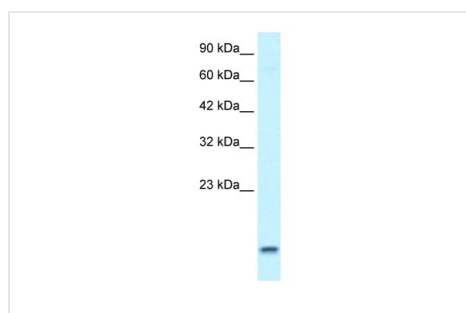
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

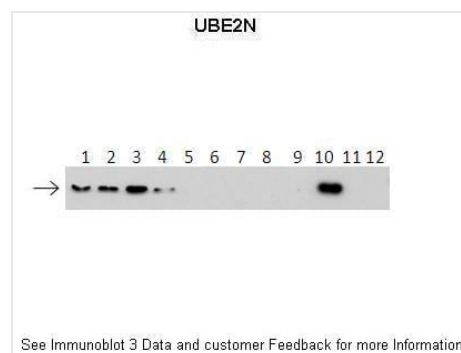
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep, Yeast, Zebrafish
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: VD KLGRICLDIL KDKWSPALQI RTVLLSIQAL LSAPNPDDPL ANDVAEQW
Sequence Length	152
Applicable Applications for anti-UBE2N antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; 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



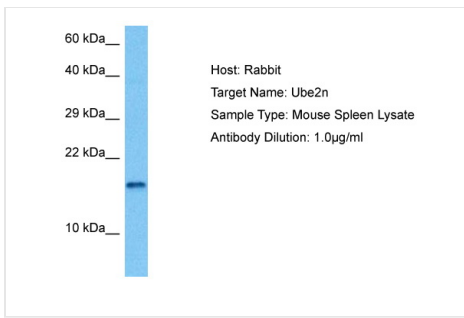
WB (Western Blot)

WB Suggested Anti-UBE2N Antibody Titration: 1.25ug/ml Positive Control: HepG2 cell lysate UBE2N is strongly supported by BioGPS gene expression data to be expressed in Human HepG2 cells



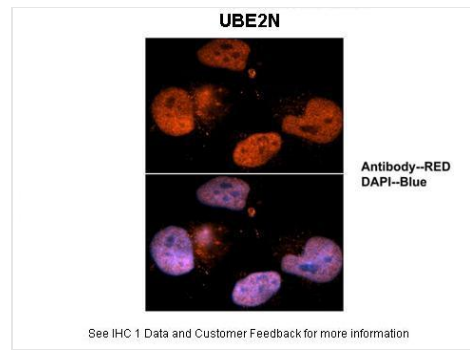
WB (Western Blot)

Lanes: 1: 40ng HIS-UBE2D1 protein 2: 40ng HIS-UBE2D2 protein 3: 40ng HIS-UBE2D3 protein 4: 40ng HIS-UBE2D4 protein 5: 40ng HIS-UBE2E1 protein 6: 40ng HIS-UBE2E2 protein 7: 40ng HIS-UBE2E3 protein 8: 40ng HIS-UBE2K protein 9: 40ng HIS-UBE2L3 protein 10: 40ng HIS-UBE2N protein 11: 40ng HIS-UBE2V1 protein 12: 40ng HIS-UBE2V2 protein. Primary Antibody Dilution: 1:500 Secondary Antibody: Anti-rabbit-HRP Secondary Antibody Dilution: 1:50,000 Gene Name: UBE2N Submitted by: Dr Chris Boutell, MRC-UoG Centre for Virus Research (CVR), UK.



WB (Western Blot)

Host: Mouse Target Name: UBE2N Sample Tissue: Mouse Spleen Antibody Dilution: 1ug/ml



IHC (Immunohistochemistry)

Sample Type : Human brain stem cells Primary Antibody Dilution : 1:500 Secondary Antibody : Goat anti-rabbit Alexa-Fluor 594 Secondary Antibody Dilution : 1:1000 Color/Signal Descriptions : UBE2N: Red DAPI: Blue Gene Name : UBE2N Submitted 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.
Product Categories/Family for anti-UBE2N antibody	Polyclonal; Transcription Regulation; Immunology; 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.

