

Rabbit anti-Human, mouse UBE4B Polyclonal Antibody | anti-UBE4B antibody

UBE4B Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285920	Rabbit	Human, mouse	Immunohistochemistry, ELISA, Western Blot

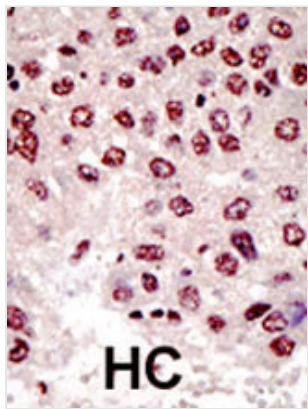
PRODUCT SYNONYMS

UBE4B; Polyclonal Antibody; UBE4B Antibody (N-term); Ubiquitin conjugation factor E4 B; 632-; UBE4B HGNC:12500; anti-UBE4B antibody

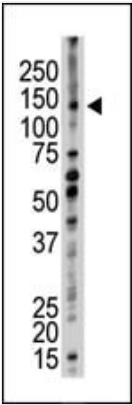
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This UBE4B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 112-142 amino acids from the N-terminal region of human UBE4B.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	112-142
Sequence Length	1302
Applicable Applications for anti-UBE4B antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)
The anti-UBE4B Pab is used in Western blot to detect UBE4B in mouse kidney tissue lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-UBE4B antibody	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. UBE4B represents an additional conjugation factor, E4, which is involved in multiubiquitin chain assembly. UBE4B also the strongest candidate among the neuroblastoma tumor suppressors.
References	Ishikawa, K., et al., DNA Res. 5(3):169-176 (1998). Mahoney, J.A., et al., Biochem. J. 361 (Pt 3), 587-595 (2002).

NCBI AND UNIPROT INFORMATION

NCBI GI #	157739864
NCBI GeneID	10277
NCBI Accession #	NP_001099032.1; NP_006039.2
NCBI GenBank Nucleotide #	NM_001105562.2
UniProt Accession #	O95155; O75169; O95338; Q5SZ12; Q5SZ16; Q96QD4; Q9BY17; A8K8S9; G0ZJH6
Molecular Weight	146185
NCBI Official Full Name	ubiquitin conjugation factor E4 B isoform 1
NCBI Official Synonym Full Names	ubiquitination factor E4B
NCBI Official Symbol	UBE4B
NCBI Official Synonym Symbols	E4; UFD2; HDNB1; UBOX3; UFD2A
NCBI Protein Information	ubiquitin conjugation factor E4 B
UniProt Protein Name	Ubiquitin conjugation factor E4 B
UniProt Gene Name	UBE4B
UniProt Entry Name	UBE4B_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.

