

Datasheet for ABIN2785770

anti-UBE4B antibody (N-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	UBE4B
Binding Specificity:	N-Term
Reactivity:	Human, Dog, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UBE4B antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human UBE4B
Sequence:	SPMFCSVASF GASSLSSLYE SSPAPTPSFW SSVPMGPSL ASPSRAASQL
Predicted Reactivity:	Dog: 79%, Human: 100%, Pig: 79%
Characteristics:	This is a rabbit polyclonal antibody against UBE4B. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	UBE4B
Alternative Name:	UBE4B (UBE4B Products)

Target Details

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. UBE4B is an additional conjugation factor, E4, which is involved in multiubiquitin chain assembly. The gene that encodes the protein is also the strongest candidate in the neuroblastoma tumor suppressor genes. 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 an additional conjugation factor, E4, which is involved in multiubiquitin chain assembly. This gene is also the strongest candidate in the neuroblastoma tumor suppressor genes. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. Alias Symbols: E4, HDNB1, KIAA0684, UBOX3, UFD2, UFD2A Protein Interaction Partner: TRIP12, UBC, FBXW11, HGS, STAM, TP53, MDM2, NUSAP1, NUDCD3, RBM12, PDE3A, CDKN2A, UBL7, UBE2D3, CDC27, TTK, IGBP1, HDLBP, TTC9C, MRPL53, ZFYVE19, SARNP, SRPRB, VPS35, UBA6, VPS29, UFM1, SBDS, VPS36, UBQLN1, UBXN7, UBE2C, AHCYL1, SSSCA1, SF3B4, PPIF, SCO2, Protein Size: 1302
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Molecular Weight:	146 kDa
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Gene ID:	10277
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NCBI Accession:	NM_001105562 , NP_001099032
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UniProt:	O95155
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Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
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Comment:	Antigen size: 1302 AA
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Restrictions:	For Research Use only
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Handling

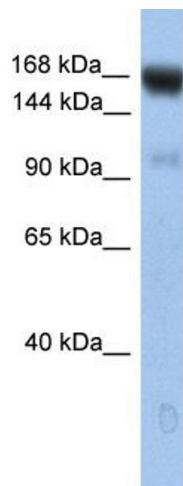
Format:	Liquid
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Concentration:	Lot specific
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Handling

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-UBE4B Antibody Titration:

0.2-1 ug/ml

Positive Control: Human brain