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Datasheet for ABIN2787510 anti-UBE2K antibody (N-Term)

1 Image

1 Publication



Overview

Quantity:	100 μL
Target:	UBE2K
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Zebrafish (Danio rerio), Cow, Horse, Rabbit, Goat, Guinea Pig, Saccharomyces cerevisiae
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)
Product Details	
Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human UBE2K
Sequence:	FTELRGEIAG PPDTPYEGGR YQLEIKIPET YPFNPPKVRF ITKIWHPNIS
Predicted Reactivity:	Cow: 100%, Dog: 100%, Goat: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Yeast: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against UBE2K. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified
Target Details	
Target:	UBE2K
Alternative Name:	UBE2K (UBE2K Products)

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Target Details	
Background:	UBE2K belongs to the ubiquitin-conjugating enzyme family. This protein interacts with RING finger proteins, and it can ubiquitinate huntingtin, the gene product for Huntington's disease. Known functions for this protein include a role in aggregate formation of expanded polyglutamine proteins and the suppression of apoptosis in polyglutamine diseases, a role in the dislocation of newly synthesized MHC class I heavy chains from the endoplasmic reticulum, and involvement in foam cell formation. The protein encoded by this gene belongs to the ubiquitin-conjugating enzyme family. This protein interacts with RING finger proteins, and it can ubiquitinate huntingtin, the gene product for Huntington's disease. Known functions for this protein include a role in aggregate formation of expanded polyglutamine proteins and the suppression of apoptosis in polyglutamine diseases, a role in the dislocation of newly synthesized MHC class I heavy chains from the endoplasmic reticulum, and involvement in foam cell formation of expanded polyglutamine proteins and the suppression of apoptosis in polyglutamine diseases, a role in the dislocation of newly synthesized MHC class I heavy chains from the endoplasmic reticulum, and involvement in foam cell formation. Multiple transcript variants encoding different isoforms have been identified for this gene. Alias Symbols: DKFZp564C1216, DKFZp686J24237, E2-25K, HIP2, HYPG, LIG, UBC1 Protein Interaction Partner: DDI1, DTX3, MIPOL1, TRIM39, ANAPC11, RNF138, SIAH1, RNF5, REL, FZR1, UBC, UBA1, MARCH7, AMFR, TP53, MDM2, BAG3, PRRG4, IQCB1, HTT, CDC6, WDR1, TYMS, TXN, TXNDC17, WDR61, ITCH, NEDD4L, WWP2, NXF1, NUB1, PIAS4, CASP12, SUMO1, SUMO2, DIABLO, UBE2I, CCNB1, BR Protein Size: 200
Molecular Weight:	22 kDa
Gene ID:	3093
NCBI Accession:	NM_005339, NP_005330
UniProt:	P61086
Application Details	
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 200 AA
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	Lot specific

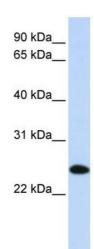
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Handling

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
	This product contains souldin azide, a POISONOUS AND HAZARDOUS SOBSTANCE which
	should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
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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
	For short term use, store at 2-6 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:	Fromm-Dornieden, von der Heyde, Lytovchenko, Salinas-Riester, Brenig, Beissbarth,
	Baumgartner: "Novel polysome messages and changes in translational activity appear after
	induction of adipogenesis in 3T3-L1 cells." in: BMC molecular biology , Vol. 13, pp. 9, (2012) (

PubMed).

Images



Western Blotting

Image 1. WB Suggested Anti-UBE2K Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: HepG2 cell lysate