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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP58011_P050-Biotin
Product Page	www.avivasysbio.com/ube2k-antibody-n-terminal-region-biotin-arp58011-p050-biotin.html
Name	UBE2K Antibody - N-terminal region : Biotin (ARP58011_P050-Biotin)
Protein Size (# AA)	200 amino acids
Molecular Weight	22kDa
Conjugation	Biotin
NCBI Gene Id	3093
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Ubiquitin-conjugating enzyme E2K
Alias Symbols	LIG, HIP2, HYPG, UBC1, E2-25K
Peptide Sequence	Synthetic peptide located within the following region: FTELRGEIAGPPDTPYEGGRYQLEIKIPETYPFNPPKVRFITKIWHPNIS
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Christensen,D.E., (2007) Nat. Struct. Mol. Biol. 14 (10), 941-948
Description of Target	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. Multiple transcript variants encoding different isoforms have been identified for this gene.
Protein Interactions	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
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-UBE2K (ARP58011_P050-Biotin) antibody
Blocking Peptide	For anti-UBE2K (ARP58011_P050-Biotin) antibody is Catalog # AAP58011 (Previous Catalog # AAPP32434)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human UBE2K
Uniprot ID	P61086
Protein Name	Ubiquitin-conjugating enzyme E2 K
Publications	Fromm-Dornieden, C. et al. Novel polysome messages and changes in translational activity appear after induction of adipogenesis in 3T3-L1 cells. BMC Mol. Biol. 13, 9 (2012). WB, IP, Goat, Human, Yeast, Mouse, Rat, Dog, Zebrafish, Horse, Rabbit, Guinea pig, Bovine 22436005
Protein Accession #	NP_005330

Purification	Affinity Purified
Nucleotide Accession #	NM_005339
Gene Symbol	UBE2K
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Goat, Guinea Pig, Horse, Rabbit, Yeast, Zebrafish
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Goat: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Yeast: 100%; Zebrafish: 100%
Image 1	

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.
Optimal conditions of its use should be determined by end users.

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