



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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Product Number	ARP58012_P050-Biotin
Product Page	<a href="http://www.avivasysbio.com/ube2k-antibody-middle-region-biotin-arp58012-p050-biotin.html">www.avivasysbio.com/ube2k-antibody-middle-region-biotin-arp58012-p050-biotin.html</a>
Name	UBE2K Antibody - middle region : Biotin (ARP58012_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: <a href="#">TVLLSLQALLAAAEPPDDPQDAVVANQYKQNPPEMFKQTARLWAHVYAGAPV</a>
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 <a href="#">anti-UBE2K (ARP58012_P050-Biotin) antibody</a>
Blocking Peptide	For anti-UBE2K (ARP58012_P050-Biotin) antibody is <a href="#">Catalog # AAP58012</a> (Previous Catalog # AAPP32435)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human UBE2K
Uniprot ID	<a href="#">P61086</a>
Protein Name	Ubiquitin-conjugating enzyme E2 K
Protein Accession #	<a href="#">NP_005330</a>
Purification	Affinity Purified
Nucleotide Accession #	<a href="#">NM_005339</a>
Gene Symbol	<a href="#">UBE2K</a>

<b>Predicted Species Reactivity</b>	Human, Mouse, Rat, Cow, Dog, Goat, Guinea Pig, Horse, Rabbit, Zebrafish
<b>Application</b>	WB
<b>Predicted Homology Based on Immunogen Sequence</b>	Cow: 100%; Dog: 100%; Goat: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 100%
<b>Image 1</b>	 A schematic diagram of a Y-shaped antibody molecule. It consists of two heavy chains (inner lines) and two light chains (outer lines) joined at their C-termini. The two heavy chains are connected to each other and to the two light chains, forming a Y-shape with two antigen-binding sites at the tips of the arms.

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Optimal conditions of its use should be determined by end users.

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