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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP54552_P050-HRP
Product Page	www.avivasysbio.com/ube4b-antibody-n-terminal-region-hrp-arp54552-p050-hrp.html
Name	UBE4B Antibody - N-terminal region : HRP (ARP54552_P050-HRP)
Protein Size (# AA)	1302 amino acids
Molecular Weight	146kDa
Conjugation	HRP: Horseradish Peroxidase
NCBI Gene Id	10277
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Ubiquitination factor E4B
Alias Symbols	E4, UFD2, HDNB1, UBOX3, UFD2A
Peptide Sequence	Synthetic peptide located within the following region: SPMFCSVASEFGASSLSSLYESSPAPTPSEWSSVPVMGPSLASPSRAASQL
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
Reference	Olsen, J.V., (2006) Cell 127 (3), 635-648
Description of Target	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.
Protein Interactions	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;
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-UBE4B (ARP54552_P050-HRP) antibody
Blocking Peptide	For anti-UBE4B (ARP54552_P050-HRP) antibody is Catalog # AAP54552 (Previous Catalog # AAPP31336)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human UBE4B
Uniprot ID	O95155
Protein Name	Ubiquitin conjugation factor E4 B
Protein Accession #	NP_001099032
Purification	Affinity Purified
Nucleotide Accession #	NM_001105562
Gene Symbol	UBE4B

Predicted Species Reactivity	Human, Dog, Pig
Application	WB
Predicted Homology Based on Immunogen Sequence	Dog: 79%; Human: 100%; Pig: 79%
Image 1	 A schematic diagram of a Y-shaped antibody molecule, consisting of two heavy chains and two light chains, represented by thick black lines.

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

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