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Produktinformation



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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| | |
|----------------------------|--|
| Product Number | ARP58687_P050-HRP |
| Product Page | www.avivasysbio.com/uba1-antibody-n-terminal-region-hrp-arp58687-p050-hrp.html |
| Name | UBA1 Antibody - N-terminal region : HRP (ARP58687_P050-HRP) |
| Protein Size (# AA) | 1058 amino acids |
| Molecular Weight | 116kDa |
| Conjugation | HRP: Horseradish Peroxidase |
| NCBI Gene Id | 7317 |
| Host | Rabbit |
| Clonality | Polyclonal |
| Concentration | 0.5 mg/ml |
| Gene Full Name | Ubiquitin-like modifier activating enzyme 1 |
| Alias Symbols | A1S9, A1ST, GXP1, UBE1, A1S9T, AMCX1, POC20, SMAX2, UBA1A, UBE1X, VEXAS, CFAP124 |
| Peptide Sequence | Synthetic peptide located within the following region: MEAGPPGSARPAEPPGCLSGORGADHTASASLQSVAGTEPGRHPQAVAAV |
| Product Format | Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6. |
| Reference | Ramser,J., (2008) Am. J. Hum. Genet. 82 (1), 188-193 |
| Description of Target | UBA1 activates ubiquitin by first adenylating its C-terminal glycine residue with ATP, and thereafter linking this residue to the side chain of a cysteine residue in E1, yielding an ubiquitin-E1 thioester and free AMP. The protein encoded by this gene catalyzes the first step in ubiquitin conjugation to mark cellular proteins for degradation. This gene complements an X-linked mouse temperature-sensitive defect in DNA synthesis, and thus may function in DNA repair. It is part of a gene cluster on chromosome Xp11.23. Alternatively spliced transcript variants that encode the same protein have been described. |
| Protein Interactions | USP5; UBE2D2; UBC; FUS; ISG15; UBTD2; HUWE1; UBE2L3; UBE2D1; SUMO2; CDC34; UBE2K; UBE2W; UBE2R2; UBE2J1; UBE2T; UBE2S; UBE2C; UBE2E3; UBE2H; UBE2G2; UBE2G1; UBE2E2; UBE2E1; UBE2D3; UBE2B; UBE2A; UBI4; MDM2; TRIM25; XPNPEP1; EZR; MC1R; IPO5; FH; CTPS1; ATI |
| 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-UBA1 (ARP58687_P050-HRP) antibody |
| Blocking Peptide | For anti-UBA1 (ARP58687_P050-HRP) antibody is Catalog# AAP58687 (Previous Catalog # AAPP35934) |
| Immunogen | The immunogen is a synthetic peptide directed towards the N terminal region of human UBA1 |
| Uniprot ID | P22314 |
| Protein Name | Ubiquitin-like modifier-activating enzyme 1 |
| Publications | Rogers, L. M., Olivier, A. K., Meyerholz, D. K. & Dupuy, A. J. Adaptive immunity does not strongly suppress spontaneous tumors in a Sleeping Beauty model of cancer. J. Immunol. 190, 4393-9 (2013). WB, Bovine, Human, Mouse, Dog, Pig, Horse, Rabbit, Rat, Guinea pig 23475219 |
| Protein Accession # | NP_003325 |
| Purification | Affinity Purified |
| Nucleotide Accession # | NM_003334 |
| Gene Symbol | UBA1 |

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| Predicted Species Reactivity | Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit |
| Application | WB |
| Predicted Homology Based on Immunogen Sequence | Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 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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