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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0


F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Product Number	ARP58687_P050-Biotin
Product Page	www.avivasysbio.com/uba1-antibody-n-terminal-region-biotin-arp58687-p050-biotin.html
Name	UBA1 Antibody - N-terminal region : Biotin (ARP58687_P050-Biotin)
Protein Size (# AA)	1058 amino acids
Molecular Weight	116kDa
Conjugation	Biotin
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: MEAGPPGSARPAEPGPCLSGORGADHTASASLQSVAGTEPGRHPQAVAAV
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
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-Biotin) antibody
Blocking Peptide	For anti-UBA1 (ARP58687_P050-Biotin) 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

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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6370 Nancy Ridge Dr., Suite 104, San Diego, CA 92121 USA | Tel: (858)552-6979 | info@avivasysbio.com