

Rabbit UBA1 Polyclonal Antibody | anti-UBA1 antibody

UBA1 Antibody (N-term)

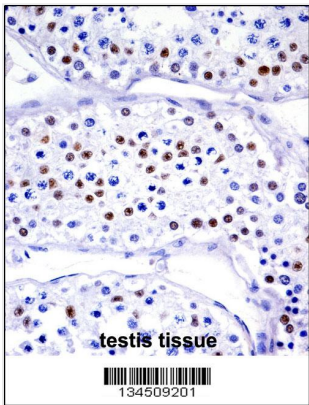
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287373	Rabbit	Human (Predicted Reactivity: Bovine, Mouse, Rabbit, Rat)	Western Blot, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

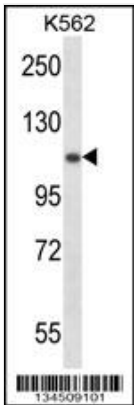
UBA1; Polyclonal Antibody; UBA1 Antibody (N-term); Ubiquitin-like modifier-activating enzyme 1; Protein A1S9; Ubiquitin-activating enzyme E1; A1S9T; UBE1; anti-UBA1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Mouse, Rabbit, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This UBA1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human UBA1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	1-30
Sequence Length	1,018
Applicable Applications for anti-UBA1 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



IHC (Immunohiostchemistry)
UBA1 Antibody (N-term) (AAA287373)immunohistochemistry analysis in formalin fixed and paraffin embedded human testis tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of UBA1 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
UBA1 Antibody (N-term) western blot analysis in K562 cell line lysates (35ug/lane).This demonstrates the UBA1 antibody detected the UBA1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-UBA1 antibody	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.
Product Categories/Family for anti-UBA1 antibody	Cell Biology
References	Burkhardt, J., et al. J. Rheumatol. 36(10):2149-2157(2009) Su, Z.L., et al. Leuk. Lymphoma 49(9):1821-1822(2008) Ramser, J., et al. Am. J. Hum. Genet. 82(1):188-193(2008) Carbia-Nagashima, A., et al. Cell 131(2):309-323(2007) Jin, J., et al. Nature 447(7148):1135-1138(2007)

NCBI AND UNIPROT INFORMATION

NCBI GI #	23510338
NCBI GeneID	7317
NCBI Accession #	NP_003325.2; NP_695012.1
NCBI GenBank Nucleotide #	NM_003334.3
UniProt Accession #	P22314; Q5JRR8; Q96E13
Molecular Weight	117849
NCBI Official Full Name	ubiquitin-like modifier-activating enzyme 1
NCBI Official Synonym Full Names	ubiquitin-like modifier activating enzyme 1
NCBI Official Symbol	UBA1
NCBI Official Synonym Symbols	A1S9; A1ST; GXP1; UBE1; A1S9T; AMCX1; POC20; SMAX2; UBA1A; UBE1X; CFAP124
NCBI Protein Information	ubiquitin-like modifier-activating enzyme 1
UniProt Protein Name	Ubiquitin-like modifier-activating enzyme 1

UniProt Gene Name	UBA1
UniProt Synonym Gene Names	A1S9T; UBE1
UniProt Entry Name	UBA1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/uba1-antibody-western-blot-immunohistochemistry-elisa/287373>