

UBA1 rabbit monoclonal antibody

Catalog # H00007317-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human UBA1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human UBA1 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human UBA1 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — UBA1

Entrez GeneID	7317
GeneBank Accession#	UBA1
Gene Name	UBA1
Gene Alias	A1S9, A1S9T, A1ST, AMCX1, GXP1, MGC4781, SMAX2, UBA1A, UBE1, UBE1X
Gene Description	ubiquitin-like modifier activating enzyme 1
Omim ID	314370
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	A1S9T and BN75 temperature sensitivity complementing OTTHUMP00000023197 OTTHUMP0000023198 UBA1, ubiquitin-activating enzyme E1 homolog A ubiquitin-activating enzyme E1

Pathway

- [Ubiquitin mediated proteolysis](#)

Disease

- [Arthritis](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)