

UBE2E3 rabbit monoclonal antibody

Catalog # H00010477-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human UBE2E3 peptide using ARM Technology.
Immunogen	A synthetic peptide of human UBE2E3 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 UBE2E3 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	<ol style="list-style-type: none">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 — UBE2E3

Entrez GeneID	10477
GeneBank Accession#	UBE2E3
Gene Name	UBE2E3
Gene Alias	UBCH9, UbcM2
Gene Description	ubiquitin-conjugating enzyme E2E 3 (UBC4/5 homolog, yeast)
Omim ID	604151
Gene Ontology	Hyperlink
Gene Summary	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 a member of the E2 ubiquitin-conjugating enzyme family. The encoded protein shares 100% sequence identity with the mouse and rat counterparts, which indicates that this enzyme is highly conserved in eukaryotes. Two alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq]
Other Designations	ubiquitin carrier protein ubiquitin-conjugating enzyme E2E 3 ubiquitin-conjugating enzyme E2E 3 (homologous to yeast UBC4/5) ubiquitin-protein ligase

Pathway

- [Ubiquitin mediated proteolysis](#)

Disease

- [Tobacco Use Disorder](#)