

UBE2G1 rabbit monoclonal antibody

Catalog # H00007326-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human UBE2G1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human UBE2G1 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 UBE2G1 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 — UBE2G1

Entrez GeneID	7326
GeneBank Accession#	UBE2G1
Gene Name	UBE2G1
Gene Alias	E217K, UBC7, UBE2G
Gene Description	ubiquitin-conjugating enzyme E2G 1 (UBC7 homolog, yeast)
Omim ID	601569
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 and catalyzes the covalent attachment of ubiquitin to other proteins. The protein may be involved in degradation of muscle-specific proteins. [provided by RefSeq]
Other Designations	ubiquitin carrier protein G1 ubiquitin-conjugating enzyme E2G 1 ubiquitin-conjugating enzyme E2G 1 (UBC7 homolog, C. elegans) ubiquitin-conjugating enzyme E2G 1 (homologous to C. elegans UBC7) ubiquitin-protein ligase G1

Pathway

- [Ubiquitin mediated proteolysis](#)