

UBE2K rabbit monoclonal antibody

Catalog # H00003093-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human UBE2K peptide using ARM Technology.
Immunogen	A synthetic peptide of human UBE2K 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 UBE2K 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 — UBE2K

Entrez GeneID [3093](#)

GeneBank Accession# [UBE2K](#)

Gene Name UBE2K

Gene Alias DKFZp564C1216, DKFZp686J24237, E2-25K, HIP2, HYPG, LIG

Gene Description ubiquitin-conjugating enzyme E2K (UBC1 homolog, yeast)

Omim ID [602846](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene belongs to the ubiquitin-conjugating enzyme family. This protein interacts with RING finger proteins, and it can ubiquitinate huntingtin, the gene product for Huntingt on's disease. Known functions for this protein include a role in aggregate formation of expanded p olyglutamine proteins and the suppression of apoptosis in polyglutamine diseases, a role in the di slocation of newly synthesized MHC class I heavy chains from the endoplasmic reticulum, and inv olvement in foam cell formation. Multiple transcript variants encoding different isoforms have been identified for this gene. [provided by RefSeq]

Other Designations huntingtin interacting protein 2|ubiquitin carrier protein|ubiquitin-conjugating enzyme E2-25 KDA|u biquitin-conjugating enzyme E2-25K|ubiquitin-protein ligase

Pathway

- [Ubiquitin mediated proteolysis](#)