

UBE3A rabbit monoclonal antibody

Catalog # H00007337-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human UBE3A peptide using ARM Technology.
Immunogen	A synthetic peptide of human UBE3A 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 UBE3A 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 — UBE3A

Entrez GeneID [7337](#)

GeneBank Accession# [UBE3A](#)

Gene Name UBE3A

Gene Alias ANCR, AS, E6-AP, EPVE6AP, FLJ26981, HPVE6A

Gene Description ubiquitin protein ligase E3A

Omim ID [105830 601623](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes an E3 ubiquitin-protein ligase, part of the ubiquitin protein degradation system . This imprinted gene is maternally expressed in brain and biallelically expressed in other tissues. Maternally inherited deletion of this gene causes Angelman Syndrome, characterized by severe motor and intellectual retardation, ataxia, hypotonia, epilepsy, absence of speech, and characteristic facies. The protein also interacts with the E6 protein of human papillomavirus types 16 and 18, resulting in ubiquitination and proteolysis of tumor protein p53. Alternative splicing of this gene results in three transcript variants encoding three isoforms with different N-termini. Additional transcript variants have been described, but their full length nature has not been determined. [provided by RefSeq]

Other Designations CTCL tumor antigen se37-2|human papilloma virus E6-associated protein|oncogenic protein-associated protein E6-AP

Pathway

- [Ubiquitin mediated proteolysis](#)

Disease

- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Genetic Predisposition to Disease](#)
- [Mental Disorders](#)

- [NARP](#)
- [Tuberculosis](#)