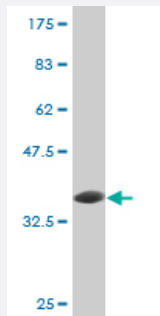


UBE3A monoclonal antibody (M02), clone 3E5

Catalog # H00007337-M02

Size 100 ug

Applications



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant UBE3A.
Immunogen	UBE3A (AAH09271, 51 a.a. ~ 150 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	ETFQQLITYKVISNEFNSRNLVNDDDAVAASKCLKMVYYANVVGGEVDTNHNEEDDEEPIESSE LTLQELLGEERRNKKGPRVDPLETELGVKTLDCR
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (98); Rat (98)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — UBE3A

Entrez GeneID [7337](#)

GeneBank Accession# [BC009271](#)

Protein Accession# [AAH09271](#)

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](#)