UBE3A Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	UBE3A, Monoclonal Antibody
Full Product Name	UBE3A (Ubiquitin Protein Ligase E3A, ANCR, AS, E6-AP, EPVE6AP, FLJ26981, HPVE6A) (AP)
Product Gene Name	anti-UBE3A antibody
Product Synonym Names	Ubiquitin Protein Ligase E3A; ANCR; AS; E6-AP; EPVE6AP; FLJ26981; HPVE6A
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	300000
Host	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Alkaline Phosphatase (AP).
Purity/Purification	Purified
Specificity	Recognizes UBE3A.
Preparation and Storage	Store product at 4 degree C. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Immunogen	UBE3A (AAH09271, 51aa-150aa) partial recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	ETFQQLITYKVISNEFNSRNLVNDDDAIVAASKCLKMVYYANVVGGEVDTNHNEEDDEEPIPESSELTLQELLGEERRNKKGPRVDPLETELGVKTLDCR
Conjugate	AP
Product Categories/Family for anti-UBE3A antibody	Antibodies; Ubiquitin Ligases
Applications Tested/Suitable for anti-UBE3A antibody	ELISA (EIA), Western Blot (WB)
Application Notes for anti-UBE3A antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-UBE3A antibody	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 Notes	Small volumes of anti-UBE3A antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for UBE3A purchase	MBS6164217 is an antibody targeting UBE3A. Also known as UBE3A (Ubiquitin Protein Ligase E3A, ANCR, AS, E6-AP, EPVE6AP, FLJ26981, HPVE6A) (AP). Host: Mouse.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for UBE3A. It may not necessarily be applicable to this product.

NCBI GI #	14424503
NCBI GeneID	7337
NCBI Accession #	AAH09271
UniProt Related Accession #	Q05086
NCBI Official Full Name	UBE3A protein
NCBI Official Synonym Full Names	ubiquitin protein ligase E3A
NCBI Official Symbol	UBE3A
NCBI Official Synonym Symbols	AS; ANCR; E6-AP; HPVE6A; EPVE6AP
Protein Family	Ubiquitin-protein ligase
NCBI Protein Information	ubiquitin-protein ligase E3A
Research Articles on UBE3A	**1.** UBE3A upregulation blocks the TLR4/MMP-9 signaling pathway and inhibits cardiac hypertrophy induced by isoproterenol. UBE3A might be a potential target gene for the treatment of cardiac hypertrophy.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/monoclonal-antibody/ube3a/6164217