Rabbit anti-Human UBE3A/E6AP Polyclonal Antibody | anti-UBE3A antibody

Anti-UBE3A/E6AP Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA254561	**Rabbit**	**Human**	**Immunofluorescence, Immunocytochemistry, Immunohistochemistry**

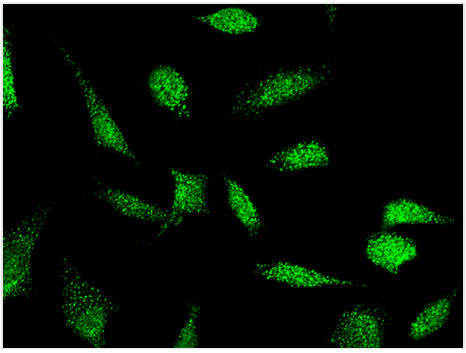
PRODUCT SYNONYMS

UBE3A/E6AP; Polyclonal Antibody; Anti-UBE3A/E6AP Antibody; Rabbit Polyclonal; E6AP Antibody; Rabbit PAb; Antigen Affinity Purified; ubiquitin protein ligase E3A; Anti-ANCR Antibody; Anti-AS Antibody; Anti-E6-AP Antibody; Anti-EPVE6AP Antibody; Anti-HPVE6A Antibody; anti-UBE3A antibody

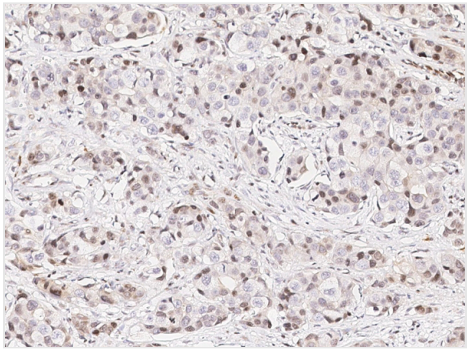
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human E6AP
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-UBE3A antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Immunogen	A synthetic peptide corresponding to the center region of the Human E6AP
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the center region of the Human E6AP, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)
Immunofluorescence staining of UBE3A in Hela cells. Cells were fixed with 4% PFA, permeabilzed with 0.3% Triton X-100 in PBS,blocked with 10% serum, and incubated with rabbit anti-human UBE3A polyclonal antibody (1:1000) at 4 degree C overnight. Then cells were stained with the Alexa Fluor488-conjugated Goat Anti-rabbit IgG secondary antibody (green).Positive staining was localized to cytoplasm and nucleus.



IHC (Immunohistochemistry)
Immunochemical staining of human UBE3A in human breast carcinoma with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION

Related Product Information for anti-UBE3A antibody	The E3 ubiquitin ligase UBE3A, also known as E6-AP, has a multitude of ascribed functions and targets relevant to human health and disease. Ube3a gene, located on chromosome 15q11.2-q13 region, of which the expression is biallelic in birds, monotremes, marsupials and insects, unlike in mice and humans. In humans, the cause of AS is the loss of function in neurons of the ubiquitin protein ligase E6-AP (E6-Associated Protein) encoded by the UBE3A gene. The functional loss of UBE3A in the maternal allele is due to different genetic mechanisms: (i) deletion of the region 15q11.2-q13 in 70-75% of patients, (ii) mutations in the UBE3A gene in 10-15% of the patients, (iii) paternal uniparental disomy in 1-3% of patients, and (iv) genomic imprinting defects in 2-4% of the patients.

NCBI AND UNIPROT INFORMATION

NCBI GI #	19718766
NCBI GeneID	7337
UniProt Accession #	Q05086; P78355; Q93066; Q9UEP4; Q9UEP5; Q9UEP6; Q9UEP7; Q9UEP8; Q9UEP9; A8K8Z9
NCBI Official Full Name	ubiquitin-protein ligase E3A isoform 2 [Homo sapiens]
NCBI Official Synonym Full Names	ubiquitin protein ligase E3A
NCBI Official Symbol	UBE3A
NCBI Official Synonym Symbols	AS; ANCR; E6-AP; HPVE6A; EPVE6AP; FLJ26981; UBE3A
UniProt Protein Name	Ubiquitin-protein ligase E3A
UniProt Gene Name	**UBE3A**
UniProt Synonym Gene Names	E6AP; EPVE6AP; HPVE6A
UniProt Entry Name	UBE3A_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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