

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

UBE3A Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA233649	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

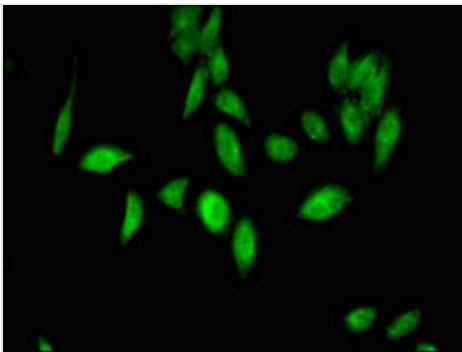
PRODUCT SYNONYMS

UBE3A; Polyclonal Antibody; UBE3A Antibody; Ubiquitin-protein ligase E3A; E6AP ubiquitin-protein ligase; HECT-type ubiquitin transferase E3A; Human papillomavirus E6-associated protein; Oncogenic protein-associated protein E6-AP; Renal carcinoma antigen NY-REN-54; E6AP; EPVE6AP; HPVE6A; anti-UBE3A antibody

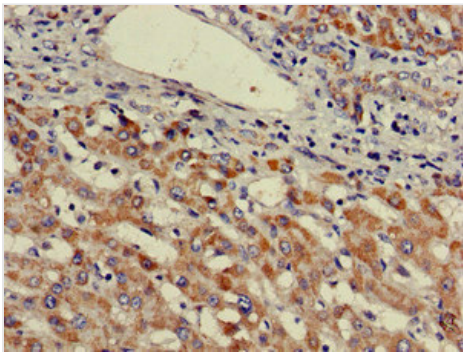
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	875
Applicable Applications for anti-UBE3A antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human Ubiquitin-protein ligase E3A protein (83-234AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Species	Human
Research Area	Epigenetics and Nuclear Signaling
Preparation and Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)
Immunofluorescent analysis of HeLa cells using AAA233649 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human liver cancer using AAA233649 at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-UBE3A antibody	E3 ubiquitin-protein ligase which accepts ubiquitin from an E2 ubiquitin-conjugating enzyme in the form of a thioester and transfers it to its substrates. Several substrates have been identified including the RAD23A and RAD23B, MCM7 (which is involved in DNA replication), annexin A1, the PML tumor suppressor, and the cell cycle regulator CDKN1B. Catalyzes the high-risk human papilloma virus E6-mediated ubiquitination of p53/TP53, contributing to the neoplastic progression of cells infected by these viruses. Additionally, may function as a cellular quality control ubiquitin ligase by helping the degradation of the cytoplasmic misfolded proteins. Finally, UBE3A also promotes its own degradation in vivo. Plays an important role in the regulation of the circadian clock: involved in the ubiquitination of the core clock component ARNTL/BMAL1, leading to its proteasomal degradation (PubMed:24728990).
Product Categories/Family for anti-UBE3A antibody	Epigenetics and Nuclear Signaling; Neuroscience; Cell biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	19718766
NCBI GeneID	7337
NCBI Accession #	NP_000453.2
NCBI GenBank Nucleotide #	NM_000462.4
UniProt Accession #	Q05086; P78355; Q93066; Q9UEP4; Q9UEP5; Q9UEP6; Q9UEP7; Q9UEP8; Q9UEP9; A8K8Z9
NCBI Official Full Name	ubiquitin-protein ligase E3A isoform 2
NCBI Official Synonym Full Names	ubiquitin protein ligase E3A
NCBI Official Symbol	UBE3A
NCBI Official Synonym Symbols	AS; ANCR; E6-AP; HPVE6A; EPVE6AP
NCBI Protein Information	ubiquitin-protein ligase E3A
UniProt Protein Name	Ubiquitin-protein ligase E3A
UniProt Gene Name	UBE3A
UniProt Synonym Gene Names	E6AP; EPVE6AP; HPVE6A

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.