

Rabbit anti-Human, Mouse UBE1 Polyclonal Antibody | anti-UBE1 antibody

Rabbit anti-UBE1 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211326	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

UBE1; Polyclonal Antibody; Rabbit anti-UBE1 Antibody; Affinity Purified; CFAP124; SMAX2; ubiquitin-like modifier-activating enzyme 1; Ubiquitin-activating enzyme E1; UBE1X; UBA1A; UBA1; ubiquitin-activating enzyme E1 homolog A; testicular secretory protein Li 63; Protein A1S9; POC20 centriolar protein homolog; GXP1; AMCX1; A1ST; A1S9T and BN75 temperature sensitivity complementing; A1S9T; A1S9; POC20; Ubiquitin-like modifier-activating enzyme 1; ubiquitin like modifier activating enzyme 1; anti-UBE1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-UBE1 antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Rat, Bovine, Rabbit
Immunogen	Between 1 and 50
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human and mouse UBE1 by western blot. Samples: Whole cell lysate from HeLa (5, 15 and 50 ug), HEK293T (T; 50 ug) and mouse NIH 3T3 (M; 50 ug) cells. Antibodies: Affinity purified rabbit anti-UBE1 antibody AAA211326 (lot AAA211326-1) used for WB at 0.04 ug/ml. Detection: Chemiluminescence with exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human UBE1 by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-UBE1 antibody AAA211326 (lot AAA211326-1) used for IP at 3 ug/mg lysate. UBE1 was also immunoprecipitated efficiently by rabbit anti-UBE1 antibodies A301-126A and A301-127A, which recognize downstream epitopes. For blotting immunoprecipitated UBE1, AAA211326 was used at 1.0 ug/ml. Detection: Chemiluminescence with exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-UBE1 antibody	Ubiquitin activating enzyme 1 (UBE1) is an E1 enzyme of the three-step ubiquitination pathway. Targeting of proteins by ubiquitination occurs in three main steps that involve the activation of ubiquitin by E1 enzymes, the carrying of ubiquitin to the target protein by E2 enzymes and the ligation of ubiquitin to the target protein by E3 enzymes. UBE1 is suggested to be important for a variety of cellular processes and pathways, and its activity is regulated through phosphorylation.
Product Categories/Family for anti-UBE1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	23510338
NCBI GeneID	7317
NCBI Accession #	NP_003325.2
NCBI GenBank Nucleotide #	NM_003334.3
UniProt Accession #	P22314; Q5JRR8; Q96E13
NCBI Official Full Name	ubiquitin-like modifier-activating enzyme 1
NCBI Official Synonym Full Names	ubiquitin like modifier activating enzyme 1
NCBI Official Symbol	UBA1
NCBI Official Synonym Symbols	A1S9; A1ST; GXP1; UBE1; A1S9T; AMCX1; POC20; SMAX2; UBA1A; UBE1X; CFAP124
NCBI Protein Information	ubiquitin-like modifier-activating enzyme 1
UniProt Protein Name	Ubiquitin-like modifier-activating enzyme 1
UniProt Gene Name	UBA1
UniProt Synonym Gene Names	A1S9T; UBE1
UniProt Entry Name	UBA1_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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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ube1-antibody-immunoprecipitation-western-blot-elisa/211326>