

Rabbit UBE4A Polyclonal Antibody | anti-UBE4A antibody

Anti-UBE4A Antibody, Rabbit Polyclonal

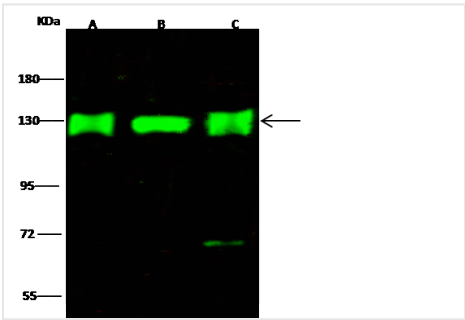
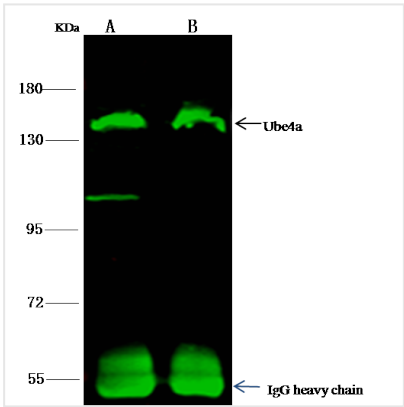
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA254434	Rabbit	Human Predicted to React with: Rat (Species predicted to react based on 100% sequence homology)	Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

UBE4A; Polyclonal Antibody; Anti-UBE4A Antibody; Rabbit Polyclonal; UBE4A Antibody; Rabbit PAb; Antigen Affinity Purified; ubiquitination factor E4A; Anti-E4 Antibody; Anti-UBOX2 Antibody; Anti-UFD2 Antibody; anti-UBE4A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human Predicted to React with: Rat (Species predicted to react based on 100% sequence homology)
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human UBE4A
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-UBE4A antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to the N-terminus of the Human UBE4A
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the N-terminus of the Human UBE4A, 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.



WB (Western Blot)
Anti-UBE4A rabbit polyclonal antibody at 1:500 dilution
Lane A: 293T Whole Cell Lysate
Lane B: HepG2 Whole Cell Lysate
Lane C: Jurkat Whole Cell Lysate
Lysates/proteins at 30 ug per lane.
Secondary Goat Anti- Rabbit IgG H&L (Dylight 800) at 1/10000 dilution.
Developed using the Odyssey technique.
Performed under reducing conditions.
Predicted band size: 123 kDa
Observed band size: 125 kDa
(We are unsure as to the identity of these extra bands).

IP (Immunoprecipitation)
UBE4A was immunoprecipitated using:
Lane A: 0.5 mg Jurkat Whole Cell Lysate
Lane B: 0.5 mg HepG2 Whole Cell Lysate
4 uL anti-UBE4A rabbit polyclonal antibody and 15 ul of 50 % Protein G agarose.
Primary antibody: Anti-UBE4A rabbit polyclonal antibody, at 1:100 dilution
Secondary antibody: Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution
Developed using the odssey technique.
Performed under reducing conditions.
Predicted band size: 123 kDa
Observed band size: 130 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-UBE4A antibody	The Ubiquitination Factor E4A gene (UBE4A) encodes for a U-box-type ubiquitin ligase, originally described as an E4 ubiquitination factor. Moreover, UBE4A and UBE4B are U-box-containing ubiquitylation enzymes and are the two human homologues of yeast UFD2 ubiquitination factor. Studies show that UBE4A may function as a putative tumor promoter in thyroid cancer. In addition, anti-UBE4A antibodies are potentially useful markers for detection and prediction of clinical activity and outcome in patients with Crohn's disease (CD).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	323362983
NCBI GeneID	9354
NCBI Accession #	NP_001191006
NCBI GenBank Nucleotide #	NM_004788
UniProt Accession #	Q14139; Q2M1H0; Q6P5T4; Q7Z639; B0YJB6
Molecular Weight	123,522 Da
NCBI Official Full Name	ubiquitin conjugation factor E4 A isoform 2
NCBI Official Synonym Full Names	ubiquitination factor E4A
NCBI Official Symbol	UBE4A
NCBI Official Synonym Symbols	E4; UFD2; UBOX2
NCBI Protein Information	ubiquitin conjugation factor E4 A; ubiquitination factor E4A (UFD2 homolog, yeast)
UniProt Protein Name	Ubiquitin conjugation factor E4 A
UniProt Gene Name	UBE4A
UniProt Entry Name	UBE4A_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.

