

Rabbit UBE2G1 Polyclonal Antibody | anti-UBE2G1 antibody

UBE2G1 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289282	Rabbit	Human, mouse (Predicted Reactivity: Monkey, Rat)	Immunohistochemistry, ELISA, Western Blot

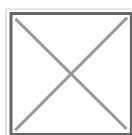
PRODUCT SYNONYMS

UBE2G1; Polyclonal Antibody; UBE2G1 Antibody (N-term); Ubiquitin-conjugating enzyme E2 G1; E217K; UBC7; Ubiquitin carrier protein G1; Ubiquitin-protein ligase G1; N-terminally processed; UBE2G; anti-UBE2G1 antibody

PRODUCT SPECIFICATIONS

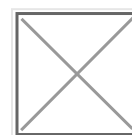
Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Monkey, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This UBE2G1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human UBE2G1.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	1-30
Sequence Length	170
Applicable Applications for anti-UBE2G1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



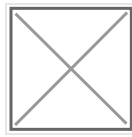
IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)

Western blot analysis of UBE2G1 (arrow) using rabbit polyclonal UBE2G1 Antibody (R11). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the UBE2G1 gene.



WB (Western Blot)

Western blot analysis of anti-UBE2G1 Antibody (N-term) in mouse heart tissue lysates (35ug/lane). UBE2G1(arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-UBE2G1 antibody	The modification of proteins with ubiquitin is an important cellular mechanism for targeting abnormal or short-lived proteins for degradation. Ubiquitination involves at least three classes of enzymes: ubiquitin-activating enzymes, or E1s, ubiquitin-conjugating enzymes, or E2s, and ubiquitin-protein ligases, or E3s. UBE2G1 is a member of the E2 ubiquitin-conjugating enzyme family. The encoded protein shares 98-100% sequence identity with the zebrafish, frog, rat and mouse counterparts, which indicates that this enzyme is highly conserved in eukaryotes.
Product Categories/Family for anti-UBE2G1 antibody	Cell Biology
References	Watanabe, T.K., et al., Cytogenet. Cell Genet. 74 (1-2), 146-148 (1996).

NCBI AND UNIPROT INFORMATION

NCBI GI #	13489085
NCBI GeneID	7326
NCBI Accession #	NP_003333.1
NCBI GenBank Nucleotide #	NM_003342.4
UniProt Accession #	P62253; Q99462; B2R7P2; D3DTK0
Molecular Weight	19509
NCBI Official Full Name	ubiquitin-conjugating enzyme E2 G1
NCBI Official Synonym Full Names	ubiquitin-conjugating enzyme E2G 1
NCBI Official Symbol	UBE2G1
NCBI Official Synonym Symbols	UBC7; E217K; UBE2G
NCBI Protein Information	ubiquitin-conjugating enzyme E2 G1
UniProt Protein Name	Ubiquitin-conjugating enzyme E2 G1
UniProt Gene Name	UBE2G1
UniProt Synonym Gene Names	UBE2G
UniProt Entry Name	UB2G1_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/ube2g1-antibody-immunohistochemistry-western-blot-elisa/289282>