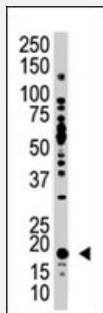


UBE2G1 polyclonal antibody

Catalog # PAB3897

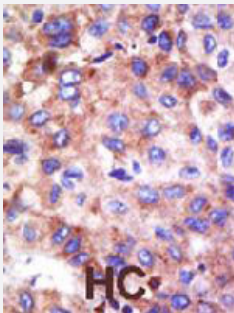
Size 400 uL

Applications



Western Blot (Tissue lysate)

The UBE2G1 polyclonal antibody (Cat # PAB3897) is used in Western blot to detect UBE2G1 in mouse liver tissue lysate.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Formalin-fixed and paraffin-embedded human hepatocellular carcinoma tissue reacted with UBE2G1 polyclonal antibody (Cat # PAB3897), 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.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of UBE2G1.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to N-terminus of human UBE2G1.
Host	Rabbit
Reactivity	Human, Mouse
Form	Liquid
Purification	Protein G purification

Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-100) Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

The UBE2G1 polyclonal antibody (Cat # PAB3897) is used in Western blot to detect UBE2G1 in mouse liver tissue lysate.

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Gene Info — UBE2G1

Entrez GeneID	7326
Protein Accession#	UBCG_HUMAN
Gene Name	UBE2G1
Gene Alias	E217K, UBC7, UBE2G
Gene Description	ubiquitin-conjugating enzyme E2G 1 (UBC7 homolog, yeast)
Omim ID	601569
Gene Ontology	Hyperlink
Gene Summary	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. This gene encodes a member of the E2 ubiquitin-conjugating enzyme family and catalyzes the covalent attachment of ubiquitin to other proteins. The protein may be involved in degradation of muscle-specific proteins. [provided by RefSeq]

Other Designations

ubiquitin carrier protein G1|ubiquitin-conjugating enzyme E2G 1|ubiquitin-conjugating enzyme E2G 1 (UBC7 homolog, C. elegans)|ubiquitin-conjugating enzyme E2G 1 (homologous to C. elegans UBC7)|ubiquitin-protein ligase G1

Publication Reference

- [Molecular cloning of UBE2G, encoding a human skeletal muscle-specific ubiquitin-conjugating enzyme homologous to UBC7 of C. elegans.](#)

Watanabe TK, Kawai A, Fujiwara T, Maekawa H, Hirai Y, Nakamura Y, Takahashi E.

Cytogenetics and Cell Genetics 1996 Jan; 74(1-2):146.

Application: WB-Ti, Human, Human tissues

Pathway

- [Ubiquitin mediated proteolysis](#)