

UBE2I polyclonal antibody

Catalog # PAB2231

Size 400 uL

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of UBE2I.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to N-terminus of human UBE2I.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Protein G purification
Recommend Usage	Western Blot (1:1000) Immunohistochemistry (1:50-100) 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
- Immunohistochemistry

Gene Info — UBE2I

Entrez GeneID

[7329](#)

Protein Accession#	NP_003336;P63279
Gene Name	UBE2I
Gene Alias	C358B7.1, P18, UBC9
Gene Description	ubiquitin-conjugating enzyme E2I (UBC9 homolog, yeast)
Omim ID	601661
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. Four alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq]
Other Designations	SUMO-1-protein ligase ubiquitin carrier protein ubiquitin conjugating enzyme 9 ubiquitin-conjugating enzyme E2I ubiquitin-conjugating enzyme E2I (homologous to yeast UBC9) ubiquitin-conjugating enzyme UbcE2A ubiquitin-like protein SUMO-1 conjugating enzym

Publication Reference

- [Interaction of the developmental regulator SALL1 with UBE2I and SUMO-1.](#)
 Netzer C, Bohlander SK, Rieger L, Muller S, Kohlhase J.
 Biochemical and Biophysical Research Communications 2002 Aug; 296(4):870.
- [Associations of UBE2I with RAD52, UBL1, p53, and RAD51 proteins in a yeast two-hybrid system.](#)
 Shen Z, Pardington-Purtymun PE, Comeaux JC, Moyzis RK, Chen DJ.
 Genomics 1996 Oct; 37(2):183.
- [Assignment of the gene for a ubiquitin-conjugating enzyme \(UBE2I\) to human chromosome band 16p13.3 by in situ hybridization.](#)
 Tachibana M, Iwata N, Watanabe A, Nobukuni Y, Ploplis B, Kajigaya S.
 Cytogenetics and Cell Genetics 1996 Jan; 75(4):222.

Pathway

- [Ubiquitin mediated proteolysis](#)

Disease

- [Alzheimer Disease](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Genetic Predisposition to Disease](#)
- [Lung Neoplasms](#)
- [Lymphatic Metastasis](#)