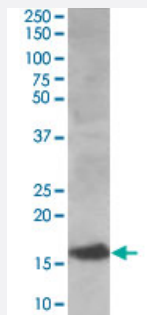


UBE2I polyclonal antibody

Catalog # PAB6303

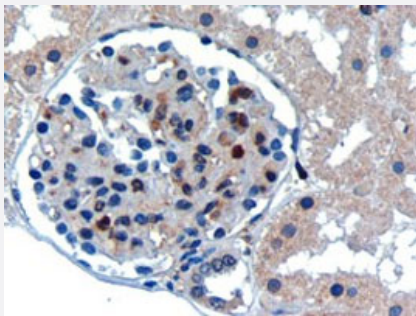
Size 100 ug

Applications



Western Blot (Tissue lysate)

UBE2I polyclonal antibody (Cat # PAB6303) staining (0.1 ug/mL) of human kidney lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



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

UBE2I polyclonal antibody (Cat # PAB6303) staining (0.3 ug/mL) of paraffin embedded human kidney. Microwaved antigen retrieval with Tris/EDTA buffer pH9, HRP-staining.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of UBE2I.
Immunogen	A synthetic peptide corresponding to N-terminus of human UBE2I.
Sequence	SGIALSRLAQERK-C
Host	Goat
Theoretical MW (kDa)	18
Reactivity	Human, Mouse, Rat

Specificity	This antibody is expected to recognize all reported isoforms (NP_003336.1, NP_919235.1, NP_919236.1 and NP_919237.1).
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	ELISA (1:64000) Western Blot (0.1-0.3 ug/mL) Immunohistochemistry (1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	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

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — UBE2I

Entrez GeneID	7329
Protein Accession#	NP_003336.1;NP_919235.1;NP_919236.1;NP_919237.1
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 E2|ubiquitin-conjugating enzyme E2I (homologous to yeast UBC9)|ubiquitin-conjugating enzyme UbcE2A|ubiquitin-like protein SUMO-1 conjugating enzym

Publication Reference

- [Molecular cloning of the cDNA and chromosome localization of the gene for human ubiquitin-conjugating enzyme 9.](#)

Wang ZY, Qiu QQ, Seufert W, Taguchi T, Testa JR, Whitmore SA, Callen DF, Welsh D, Shenk T, Deuel TF.

The Journal of Biological Chemistry 1996 Oct; 271(40):24811.

Pathway

- [Ubiquitin mediated proteolysis](#)

Disease

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