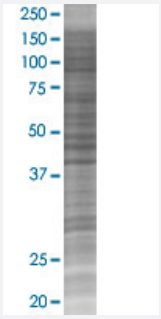
UBE2B 293T Cell Transient Overexpression Lysate(Denatured)

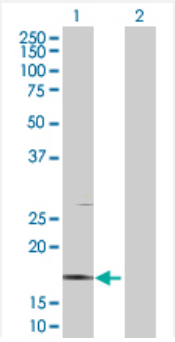
Catalog # H00007320-T03 Size 100 uL

Applications



SDS-PAGE Gel

UBE2B transfected lysate.



Western Blot

Lane 1: UBE2B transfected lysate (16.72 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-UBE2B full-length
Host	Human
Theoretical MW (kDa)	16.72
Quality Control Testing	Transient overexpression cell lysate was tested with Anti-UBE2B antibody (H00007320-D01P) by W estern Blots. SDS-PAGE Gel UBE2B transfected lysate. Western Blot Lane 1: UBE2B transfected lysate (16.72 KDa) Lane 2: Non-transfected lysate.

Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — UBE2B

Entrez GeneID	7320
GeneBank Accession#	BC008470
Protein Accession#	AAH08470.1
Gene Name	UBE2B
Gene Alias	E2-17kDa, HHR6B, HR6B, RAD6B, UBC2
Gene Description	ubiquitin-conjugating enzyme E2B (RAD6 homolog)
Omim ID	179095
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. This enzyme is required for post-replicative DNA damage repair. Its protein sequence is 100% identical to the mouse, rat, and rabbit homologs, which indicates that this enzyme is highly conserved in eukaryotic evolution. [provided by RefSeq
Other Designations	E2 protein|ubiquitin carrier protein B|ubiquitin-conjugating enzyme E2B|ubiquitin-protein ligase B

Pathway

- Ubiquitin mediated proteolysis

Disease

- Azoospermia
- Genetic Predisposition to Disease
- Infertility
- Oligospermia