

Datasheet for ABIN3029436
anti-UBE2I antibody (C-Term)



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2 Images

Overview

Quantity:	100 µg
Target:	UBE2I
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UBE2I antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	An amino acid sequence from the C-terminus of human UBC9/UBE2I (IKQILLGIQELLNE) was used as the immunogen for this UBC9 antibody (100% homologous in human, mouse and rat).
Isotype:	IgG
Purification:	Antigen affinity

Target Details

Target:	UBE2I
Alternative Name:	UBC9 (UBE2I Products)
Background:	SUMO-conjugating enzyme UBC9, also called UBE2I, is a protein that in humans is encoded by the UBE2I gene. This gene encodes a member of the E2 ubiquitin-conjugating enzyme family. UBE2I could fully complement the mutant phenotype of a yeast ubc9 mutant strain. This gene

Target Details

may play a similar role via interaction with WT1, which is able to impose a block to cell cycle progression in eukaryotic cells. Additionally, it could support the growth of yeast *ubc9* temperature-sensitive mutants at nonpermissive temperatures, indicating that the gene is a functional homolog of yeast *ubc9*. The protein is specifically associated with FHIT, such as FHIT may be involved in cell cycle control through its interaction with UBE2I.

UniProt:	P63279
Pathways:	Intracellular Steroid Hormone Receptor Signaling Pathway , Regulation of Intracellular Steroid Hormone Receptor Signaling , Ubiquitin Proteasome Pathway

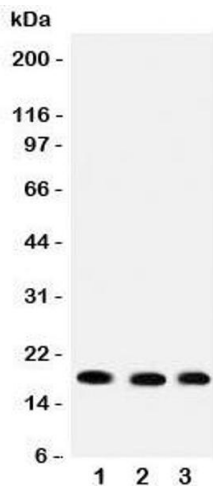
Application Details

Application Notes:	The stated application concentrations are suggested starting amounts. Titration of the UBC9 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 0.5-1 µg/mL
Restrictions:	For Research Use only

Handling

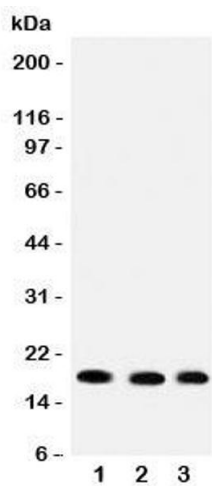
Buffer:	0.5 mg/mL if reconstituted with 0.2 mL sterile DI water
Storage:	-20 °C
Storage Comment:	After reconstitution, the UBC9 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

Images



Western Blotting

Image 1. Western blot testing of UBC9 antibody and rat samples 1: heart; 2: skeletal muscle; 3: pancreas lysate. Predicted/expected size ~18KD



Western Blotting

Image 2. Western blot testing of UBC9 antibody and rat samples 1: heart