

Datasheet for ABIN391287
anti-UCK2 antibody (C-Term)[Go to Product page](#)

3 Images

Overview

Quantity:	400 µL
Target:	UCK2
Binding Specificity:	AA 227-255, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UCK2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)

Product Details

Immunogen:	This UCK2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 227-255 amino acids from the C-terminal region of human UCK2.
Clone:	RB5550
Isotype:	Ig Fraction
Predicted Reactivity:	M, Rat
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	UCK2
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Target Details

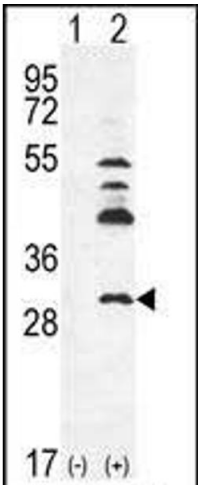
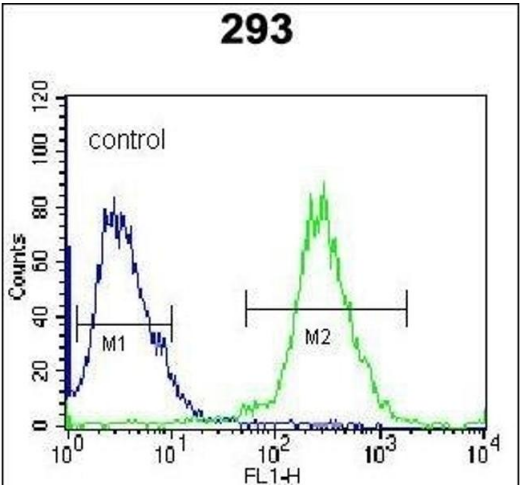
Alternative Name:	UCK2 (UCK2 Products)
Background:	UCK2 catalyzes the phosphorylation of uridine monophosphate to uridine diphosphate. This is the first step in the production of the pyrimidine nucleoside triphosphates required for RNA and DNA synthesis. In addition, an allele of this gene may play a role in mediating nonhumoral immunity to Hemophilus influenzae type B.
Molecular Weight:	29299
Gene ID:	7371
NCBI Accession:	NP_036606
UniProt:	Q9BZX2
Pathways:	Ribonucleoside Biosynthetic Process , Feeding Behaviour

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:10~50. FC: 1:10~50
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Flow Cytometry

Image 1. UCK2 Antibody (C-term) (ABIN391287 and ABIN2841329) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Western Blotting

Image 2. Western blot analysis of UCK2 (arrow) using rabbit polyclonal hUCK2- (ABIN391287 and ABIN2841329). 293 cell lysates (2 µg/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the UCK2 gene.

Immunohistochemistry (Paraffin-embedded Sections)

Image 3. UCK2 Antibody (C-term) (ABIN391287 and ABIN2841329) immunohistochemistry analysis in formalin fixed and paraffin embedded human testis tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of UCK2 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.