

Datasheet for ABIN391286  
**anti-UCK2 antibody (N-Term)**

## 2 Images

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## Overview

Quantity:	400 µL
Target:	UCK2
Binding Specificity:	AA 1-30, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UCK2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	This UCK2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human UCK2.
Clone:	RB5633-RB5634
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

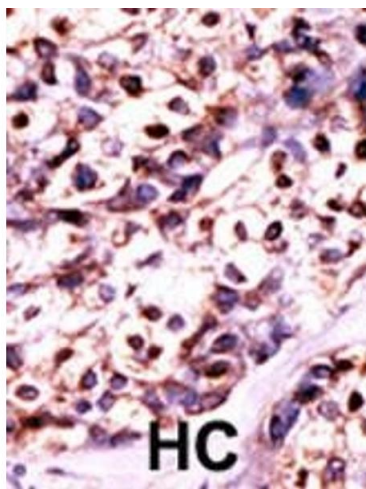
Alternative Name:	UCK2 ( <a href="#">UCK2 Products</a> )
Background:	UCK2 catalyzes the phosphorylation of uridine monophosphate to uridine diphosphate. This is the first step in the production of the pyrimidine nucleoside triphosphates required for RNA and DNA synthesis. In addition, an allele of this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

## Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:50~100
Restrictions:	For Research Use only

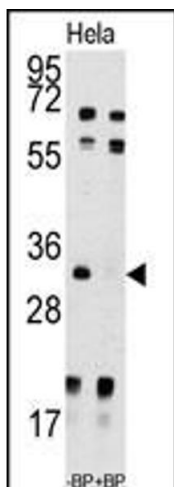
## Handling

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



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated. BC = breast carcinoma, HC = hepatocarcinoma.



#### Western Blotting

**Image 2.** Western blot analysis of anti-UCK2 Antibody (N-term) (ABIN391286 and ABIN2841328) pre-incubated with and without blocking peptide (BP7192a) in Hela cell line lysate. UCK2(arrow) was detected using the purified Pab.