

Datasheet for ABIN359376
anti-UCK2 antibody (N-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	0.4 mL
Target:	UCK2
Binding Specificity:	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)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the N-terminal region of human UCK2.
Isotype:	Ig Fraction
Specificity:	This antibody detects UCK2 at N-term.
Purification:	Protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.

Target Details

Target:	UCK2
Alternative Name:	UCK2 (UCK2 Products)

Target Details

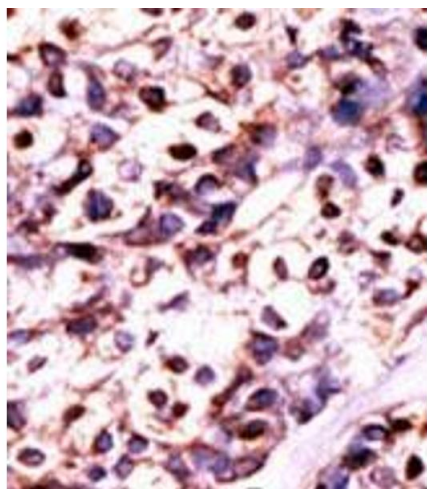
Background:	UCK2 catalyzes the phosphorylation of uridine monophosphate to uridine diphosphate. This is the first step in the production of the pyrimidine nucleoside triphosphates required for RNA and DNA synthesis. In addition, an allele of this gene may play a role in mediating nonhumoral immunity to Hemophilus influenzae type B.Synonyms: Cytidine monophosphokinase 2, TSA903, UCK 2, UMPK, Uridine monophosphokinase 2, Uridine-cytidine kinase 2
Molecular Weight:	29299 Da.
Gene ID:	7371, 9606
UniProt:	Q9BZX2
Pathways:	Ribonucleoside Biosynthetic Process , Feeding Behaviour

Application Details

Application Notes:	ELISA 1: 1,000. Western Blot 1: 100 - 1: 250. Immunohistochemistry 1: 50 - 1: 100. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

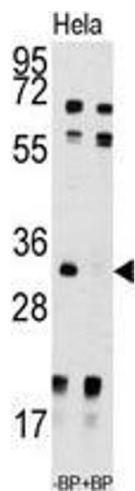
Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	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.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody at 2 - 8 °C up to one month or (in aliquots) at -20 °C for longer.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human cancer tissue (hepatocarcinoma) 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.



Western Blotting

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