

## Product datasheet for **TA356601**

### UCK2 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human UCK2
Specificity:	<b>Expected reactivity:</b> Cow, Guinea Pig, Human, Mouse, Rat <b>Homology:</b> Cow: 100%; Guinea Pig: 100%; Human: 100%; Mouse: 100%; Rat: 100%
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	29kDa
Gene Name:	uridine-cytidine kinase 2
Database Link:	<a href="#">NP_036606</a> <a href="#">Entrez Gene 7371 Human</a> <a href="#">Q9BZX2</a>



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**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. The protein encoded by this gene 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. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.

**Synonyms:**

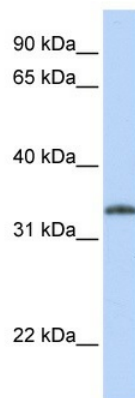
TSA903; UK; UMPK

**Protein Families:**

Druggable Genome

**Protein Pathways:**

Drug metabolism - other enzymes, Metabolic pathways, Pyrimidine metabolism

**Product images:**

WB Suggested Anti-UCK2 Antibody Titration: 0.2-1 ug/ml  
ELISA Titer: 1:62500  
Positive Control: Jurkat cell lysate UCK2 is supported by BioGPS gene expression data to be expressed in Jurkat