

UCK1 antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI14723

Product Information

Application	WB
Primary Accession	Q9HA47
Other Accession	NM_031432 , NP_113620
Reactivity	Human, Mouse, Rat, Pig, Dog, Horse, Bovine
Predicted	Human, Mouse, Rat, Chicken, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	31435

Additional Information

Gene ID	83549
Alias Symbol	FLJ12255, URK1, RP11-334J6.5
Other Names	Uridine-cytidine kinase 1, UCK 1, 2.7.1.48, Cytidine monophosphokinase 1, Uridine monophosphokinase 1, UCK1, URK1
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-UCK1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	UCK1 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	UCK1
Synonyms	URK1
Function	Phosphorylates uridine and cytidine to uridine monophosphate and cytidine monophosphate (PubMed: 11306702). Does not phosphorylate deoxyribonucleosides or purine ribonucleosides (PubMed: 11306702). Can use ATP or GTP as a phosphate donor (PubMed: 11306702). Can also phosphorylate cytidine and uridine nucleoside analogs such as 6- azauridine, 5-fluorouridine, 4-thiouridine, 5-bromouridine, N(4)- acetylcytidine, N(4)-benzoylcytidine, 5-fluorocytidine, 2-thiocytidine, 5-methylcytidine, and N(4)-anisoylcytidine (PubMed: 11306702).

Tissue Location

Ubiquitous..

References

Van Rompay A.R.,et al.Mol. Pharmacol. 59:1181-1186(2001).

Ho Y.S.,et al.Submitted (APR-2000) to the EMBL/GenBank/DDBJ databases.

Xin Y.R.,et al.Submitted (FEB-2002) to the EMBL/GenBank/DDBJ databases.

Ota T.,et al.Nat. Genet. 36:40-45(2004).

Ebert L.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.

Images



WB Suggested Anti-UCK1 Antibody Titration: 1.0 µg/ml
Positive Control: Hela Whole Cell

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.