

UCK1 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI14723**Specification**

UCK1 antibody - N-terminal region - Product Information

Application	WB
Primary Accession	O9HA47
Other Accession	NM_031432 , NP_113620
Reactivity	Human, Mouse, Rat, Pig, Horse, Bovine, Dog
Predicted Host	Human, Mouse, Rat, Chicken, Bovine, Dog
Clonality	Rabbit
Calculated MW	Polyclonal 30kDa KDa

UCK1 antibody - N-terminal region - 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.

UCK1 antibody - N-terminal region - 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).

target="_blank">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

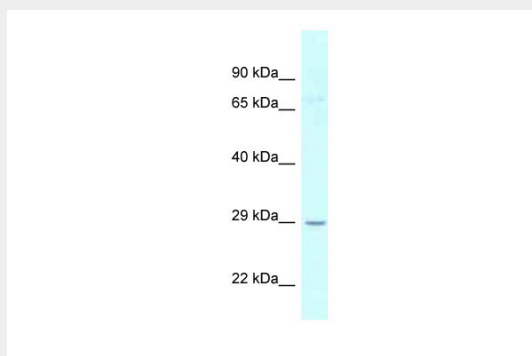
Ubiquitous..

UCK1 antibody - N-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

UCK1 antibody - N-terminal region - Images



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

UCK1 antibody - N-terminal region - 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.