

DATASHEET

UCK2 Rabbit Polyclonal Antibody

CAT. NO. APA13988

KEY FEATURES

Target	UCK2	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

BACKGROUND

Phosphorylates uridine and cytidine to uridine monophosphate and cytidine monophosphate . Does not phosphorylate deoxyribonucleosides or purine ribonucleosides . Can use ATP or GTP as a phosphate donor . 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 .

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
----	----------------

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

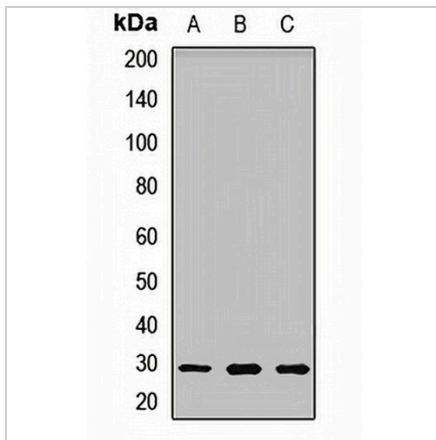
Description	Rabbit polyclonal antibody to UCK2
Specificity	Recognizes endogenous levels of UCK2 protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human UCK2
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 12; Observed: 29 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	UMPK; Uridine-cytidine kinase 2; UCK 2; Cytidine monophosphokinase 2; Testis-specific protein TSA903; Uridine monophosphokinase 2
Gene Symbol	UCK2
Entrez Gene	7371(Human); 80914(Mouse)
SwissProt	Q9BZX2(Human); Q99PM9(Mouse); Q9QYG8(Rat)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

DATASHEET**UCK2 Rabbit Polyclonal Antibody**

CAT. NO. APA13988

DATA

Western blot analysis of UCK2 expression in A549 (A), HeLa (B), mouse thymus (C) whole cell lysates. (Predicted band size: 12; 29 kD; Observed band size: 29 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.