

Rabbit UCK2 Polyclonal Antibody | anti-UCK2 antibody

UCK2 Antibody

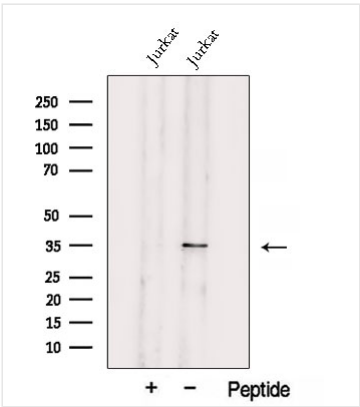
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328752	Rabbit	Human, Mouse, Rat Predicted: Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken	Western Blot

PRODUCT SYNONYMS

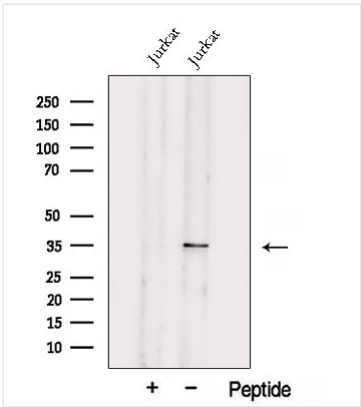
UCK2; Polyclonal Antibody; UCK2 Antibody; Cytidine monophosphokinase 2; TSA903; UK; UMPK; Uridine cytidine kinase 2; Uridine monophosphokinase 2; anti-UCK2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted: Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken
Clonality	Polyclonal
Isotype	IgG
Specificity	UCK2 Antibody detects endogenous levels of UCK2.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	261
Applicable Applications for anti-UCK2 antibody	WB (Western Blot)
Immunogen	A synthesized peptide derived from human UCK2.
Tissue Specificity	According to PubMed:8812458; testis-specific. According to PubMed:11306702, placenta-specific.
Fragment	Fab Fragment
Conjugate	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



WB (Western Blot)
Western blot analysis of extracts from Jurkat cells, using UCK2 Antibody. The lane on the left was treated with blocking peptide.



WB (Western Blot)
Western blot analysis of extracts from Rat kidney, using UCK2 Antibody. The lane on the left was treated with blocking peptide.Observed bands: 40 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-UCK2 antibody	Description: 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, N4-acetylcytidine, N4-benzoylcytidine, 5-fluorocytidine, 2-thiocytidine, 5-methylcytidine, and N4-anisoylcytidine.
	Subunit Structure: Homotetramer.
	Similarity: Belongs to the uridine kinase family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	18699734
NCBI GeneID	7371
NCBI Accession #	NP_036606.2
NCBI GenBank Nucleotide #	NP_036606.2
UniProt Accession #	Q9BZX2
Molecular Weight	Observed: 35 kDa Predicted: 30 kDa
NCBI Official Full Name	uridine-cytidine kinase 2 isoform 1
NCBI Official Synonym Full Names	uridine-cytidine kinase 2
NCBI Official Symbol	UCK2
NCBI Official Synonym Symbols	UK; UMPK; TSA903
NCBI Protein Information	uridine-cytidine kinase 2
UniProt Protein Name	Uridine-cytidine kinase 2
UniProt Gene Name	UCK2
UniProt Synonym Gene Names	UMPK; UCK 2
UniProt Entry Name	UCK2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/uck2-antibody-western-blot-elisa/328752>