

Product datasheet for TA501474

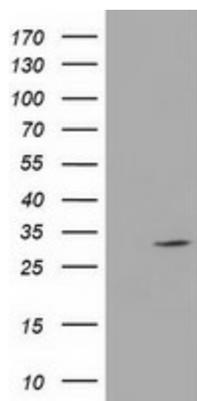
UCK (UCK1) Mouse Monoclonal Antibody [Clone ID: OTI2E8]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI2E8
Applications:	WB
Recommend Dilution:	WB 1:500
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human UCK1 (NP_113620) produced in HEK293T cell.
Formulation:	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	0.44 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Predicted Protein Size:	31.3 kDa
Gene Name:	uridine-cytidine kinase 1
Database Link:	NP_113620 Entrez Gene 83549 Human
Background:	Uridine/cytidine kinase-1 (EC 2.7.1.48) is a pyrimidine ribonucleoside kinase that catalyzes the phosphorylation of uridine and cytidine to form uridine monophosphate (UMP) and cytidine monophosphate (CMP) (Van Rompay et al., 2001 [PubMed 11306702]). [supplied by OMIM]
Synonyms:	URK1
Protein Families:	Druggable Genome
Protein Pathways:	Drug metabolism - other enzymes, Metabolic pathways, Pyrimidine metabolism



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Product images:

HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY UCK1 ([RC220876], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-UCK1. Positive lysates [LY403114] (100ug) and [LC403114] (20ug) can be purchased separately from OriGene.