



UCKL1 rabbit pAb

Catalog No	YP-Ab-08943
Isotype	IgG
Reactivity	Human; Mouse
Applications	WB
Gene Name	UCKL1 URKL1 F538
Immunogen	Synthesized peptide derived from human UCKL1 AA range: 223-273
Specificity	This antibody detects endogenous levels of UCKL1 at Human/Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	F538;UCK1 LIKE;UCK1L;UCKL1;Uridine cytidine kinase like 1;URKL1;UCKL1 URKL1 F538
Observed Band	
Calculated Molecular Weight	
Cell Pathway	Cytoplasm . Nucleus . EBNA3 induces isoform 1 translocation to the nucleus, whereas it does change isoform 3 location.
Tissue Specificity	Ubiquitous.
Function	catalytic activity:ATP + cytidine = ADP + CMP.,catalytic activity:ATP + uridine = ADP + UMP.,function:May contribute to UTP accumulation needed for blast transformation and proliferation.,pathway:Pyrimidine metabolism; CTP biosynthesis via salvage pathway; CTP from cytidine: step 1/3., pathway:Pyrimidine metabolism; UMP biosynthesis via salvage pathway; UMP from uridine: step 1/1.,PTM:Ubiquitinated by RNF19B; which induces proteasomal degradation.,similarity:Belongs to the uridine kinase family., subcellular location:EBNA3 induces isoform 1 translocation to the nucleus, whereas it does change isoform 3 location.,subunit:Interacts with RNF19B and EBV EBNA3.,tissue specificity:Ubiquitous.,



Background

The protein encoded by this gene is a uridine kinase. Uridine kinases catalyze the phosphorylation of uridine to uridine monophosphate. This protein has been shown to bind to Epstein-Barr nuclear antigen 3 as well as natural killer lytic-associated molecule. Ubiquitination of this protein is enhanced by the presence of natural killer lytic-associated molecule. In addition, protein levels decrease in the presence of natural killer lytic-associated molecule, suggesting that association with natural killer lytic-associated molecule results in ubiquitination and subsequent degradation of this protein. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2014],

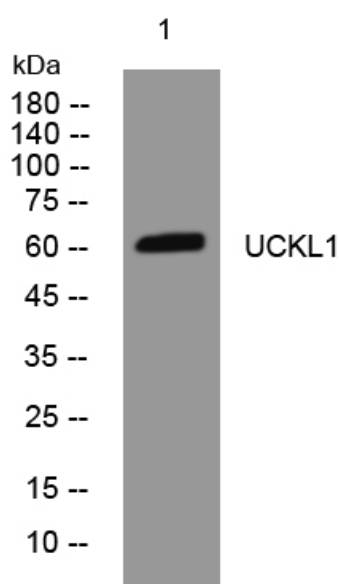
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from HpeG2 cells, primary antibody was diluted at 1:1000, 4° over night