

For Research Use Only

UCK2 Polyclonal antibody

Catalog Number: 10511-1-AP

Featured Product

12 Publications



Basic Information

Catalog Number: 10511-1-AP	GenBank Accession Number: BC002906	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 850 µg/ml by Nanodrop and 547 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 7371	Recommended Dilutions: WB 1:500-1:2000 IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate
Source: Rabbit	Full Name: uridine-cytidine kinase 2	
Isotype: IgG	Calculated MW: 29 kDa	
Immunogen Catalog Number: AG0782	Observed MW: 33-35 kDa	

Applications

Tested Applications: IP, WB, ELISA	Positive Controls:
Cited Applications: IHC, WB	WB : Jurkat cells,
Species Specificity: human	IP : Jurkat cells,
Cited Species: human, mouse	

Background Information

Uridine-cytidine kinase 2 catalyzes the phosphorylation of uridine and cytidine to uridine monophosphate (UMP) and cytidine monophosphate (CMP), respectively. This is the first step in the production of the pyrimidine nucleoside triphosphates required for RNA and DNA synthesis. UCK2 belongs to the uridine kinase family and UCK have important roles for the phosphorylation of nucleoside analogs that may be important in chemotherapy of cancer.

Notable Publications

Author	Pubmed ID	Journal	Application
Qiming Zhou	30568496	Cancer Manag Res	WB,IHC
Aristeidis E Boukouris	35294884	Cell Rep	WB
Motohiko Murase	26977297	Pharmacol Res Perspect	WB

Storage

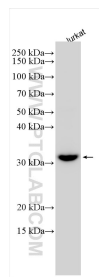
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

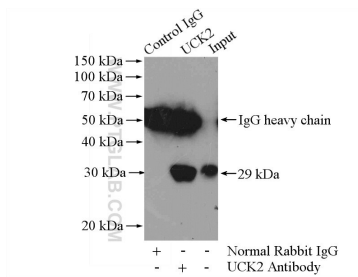
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Jurkat cells were subjected to SDS PAGE followed by western blot with 10511-1-AP (UCK2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP Result of anti-UCK2 (IP:10511-1-AP, 4ug; Detection:10511-1-AP 1:500) with Jurkat cells lysate 4000ug.