

UCK1 Polyclonal Antibody

Catalog number: 12271-1-AP

Size: 36 µg/150 µl

Source: Rabbit

Isotype: IgG

Synonyms:

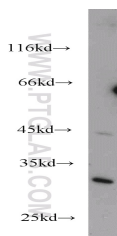
UCK1; Cytidine

monophosphokinase 1,

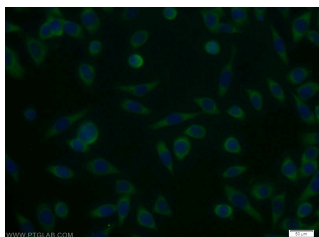
FLJ12255, UCK 1, UCK1, uridine

cytidine kinase 1, Uridine

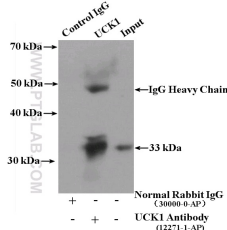
monophosphokinase 1, URK1



MCF7 cells were subjected to SDS PAGE followed by western blot with 12271-1-AP(UCK1 antibody) at dilution of 1:1000



Immunofluorescent analysis of MCF-7 cells using 12271-1-AP(UCK1 Antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IP Result of anti-UCK1 (IP:12271-1-AP, 4µg; Detection:12271-1-AP 1:1000) with MCF-7 cells lysate 2800µg.

Background

Uridine/cytidine kinase-1 is a pyrimidine ribonucleoside kinase that catalyzes the phosphorylation of uridine and cytidine to form uridine monophosphate (UMP) and cytidine monophosphate (CMP). The deduced 277-amino acid protein has a calculated molecular mass of 31 kDa. UCK1 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.

Applications

Tested applications:	ELISA, WB, IF, IP
Species specificity:	Human, Mouse, Rat; other species not tested.
Calculated UCK1 MW:	277aa, 31 kDa
Observed UCK1 MW:	33 kDa
Positive WB detected in	MCF7 cells
Positive IP detected in	MCF-7 cells
Positive IF detected in	MCF-7 cells
Application note:	Your company's UCK1 and UCK2 antibodies are fabulous. Your antibodies easily detects endogenous levels of UCK1 and UCK2. (By Stellrecht, Christine)
Recommended dilution:	WB: 1:500-1:5000 IP: 1:500-1:5000 IF: 1:10-1:100

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag2912
GenBank accession number:	BC015547
Gene ID (NCBI):	83549
Full name:	Uridine-cytidine kinase 1

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.