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UCK2 Antibody

Uridine monophosphokinase 2

CATALOG NO.: XW-8050

BACKGROUND:
FUNCTION: 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, N(4)-acetylcytidine, N(4)-benzoylcytidine, 5-fluorocytidine, 2-thiocytidine, 5-methylcytidine, and N(4)-anisoylcytidine. CATALYTIC ACTIVITY: ATP + cytidine = ADP + CMP

TESTED APPLICATION:
WB

SPECIES REACTIVITY:
H,M,R

CLONALITY:
Polyclonal

HOST:
Chicken

IMMUNOGEN:
1-261

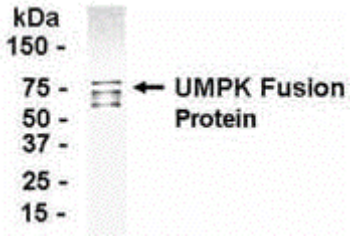
PROTEIN GI #:
18699734

PROTEIN ACCESSION #:
NP_036606.2

PURIFICATION:
Immunoaffinity Purified

BUFFER:
Phosphate-Buffered Saline. No preservatives added.

APPLICATION:
Uridine-cytidine kinase 2 IgY antibody can be used for the detection of Uridine-cytidine kinase 2 by Western Blot.



E coli-derived fusion protein as test antigen. Affinity-purified IgY dilution: 1:2000, Goat anti-IgY-HRP dilution: 1:1000. Colorimetric method for signal development.

STORAGE:

This antibody can be stored at 4ºC for short term (weeks). Long term storage should be at -20ºC. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

USER NOTES:

When working with antibodies optimal dilutions/concentrations should be determined by the end user for each application. The information provided is a guideline for antibody use. As with all ProSci antibodies, this antibody is for research use only.