

## Product datasheet for **TA374912**

### **CMPK1 Rabbit Polyclonal Antibody**

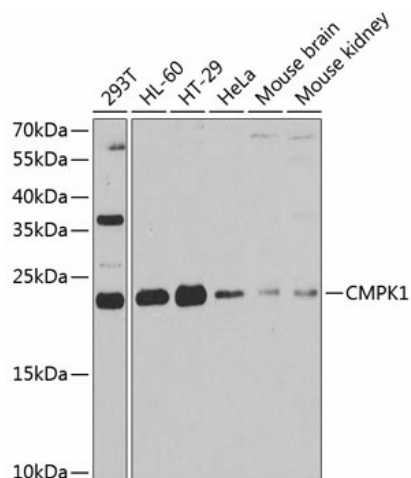
#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Applications:</b>	ICC/IF, IP, WB
<b>Recommended Dilution:</b>	WB,1:500 - 1:2000 IF,1:50 - 1:200
<b>Reactivity:</b>	Human, Mouse
<b>Modifications:</b>	Unmodified
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Clonality:</b>	Polyclonal
<b>Immunogen:</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 69-228 of human CMPK1 (NP_057392.1).
<b>Formulation:</b>	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
<b>Concentration:</b>	lot specific
<b>Purification:</b>	Affinity purification
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store at -20°C. Avoid freeze / thaw cycles.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>Predicted Protein Size:</b>	16kDa/22kDa
<b>Gene Name:</b>	cytidine/uridine monophosphate kinase 1
<b>Database Link:</b>	<a href="#">Entrez Gene 51727 Human P30085</a>
<b>Background:</b>	This gene encodes one of the enzymes required for cellular nucleic acid biosynthesis. This enzyme catalyzes the transfer of a phosphate group from ATP to CMP, UMP, or dCMP, to form the corresponding diphosphate nucleotide. Alternate splicing results in both coding and non-coding transcript variants.
<b>Synonyms:</b>	CMK; CMPK; UCK; UMK; UMP-CMPK; UMP/CMPK; UMPK

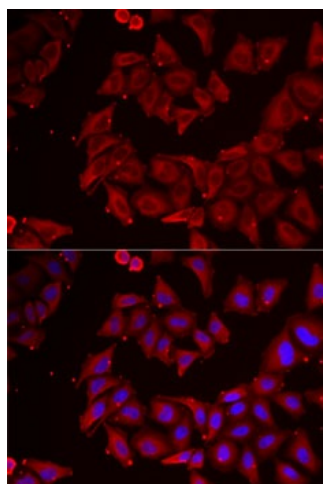


[View online »](#)

## Product images:



Western blot analysis of extracts of various cell lines, using CMPK1 antibody (TA374912) at 1:1000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Basic Kit . | Exposure time: 90s.



Immunofluorescence analysis of MCF7 cells using CMPK1 antibody (TA374912). Blue: DAPI for nuclear staining.