

Product datasheet for **TA327178**

DCK Rabbit Polyclonal Antibody

Product data:

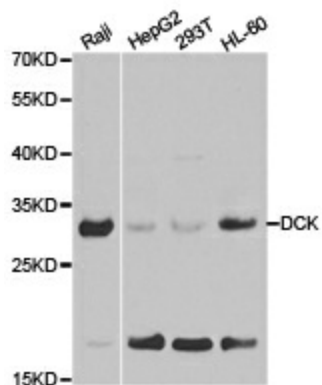
Product Type:	Primary Antibodies
Applications:	ICC/IF, IHC, WB
Recommended Dilution:	WB 1:500 - 1:2000;IF 1:50- 1:200
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant protein of human DCK
Formulation:	Store at -20C or -80C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	deoxycytidine kinase
Database Link:	NP_000779 Entrez Gene 13178 Mouse Entrez Gene 79127 Rat Entrez Gene 1633 Human P27707
Background:	Deoxycytidine kinase (dCK) is required for the phosphorylation of several deoxyribonucleoside analogues that are widely employed as chemotherapeutic agents. It is also a key enzyme in the phosphorylation of a variety of antineoplastic and antiviral nucleoside analogs including cytosine arabinoside (araC) and dideoxycytidine (ddCyd); deficiency of deoxycytidine kinase activity mediates resistance to these drugs. This protein can exist as a homodimer. This antibody is specific to DCK.
Synonyms:	MGC117410; MGC138632
Protein Families:	Druggable Genome



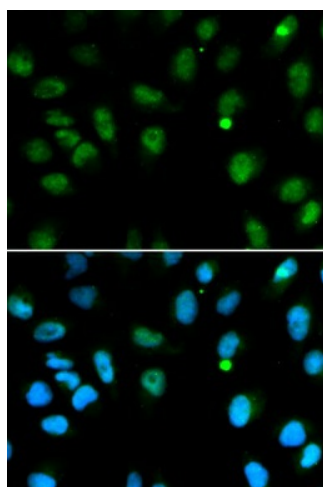
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Protein Pathways: Purine metabolism, Pyrimidine metabolism

Product images:



Western blot analysis of extracts of WiDr cell lines, using DCK antibody.



Immunofluorescence analysis of MCF7 cell using DCK antibody. Blue: DAPI for nuclear staining.