

Product datasheet for **TA308454**

DCK Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	ICC/IF:1:100-1:1000; IHC:1:100-1:1000; WB:1:500-1:10000
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fragment corresponding to a region within amino acids 1 and 260 of DCK (Uniprot ID#P27707)
Formulation:	1XPBS, 20% Glycerol (pH7). 0.025% ProClin 300 was added as a preservative.
Concentration:	lot specific
Purification:	Purified by antigen-affinity chromatography.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	31 kDa
Gene Name:	deoxycytidine kinase
Database Link:	NP_000779 Entrez Gene 13178 Mouse Entrez Gene 1633 Human P27707
Background:	Deoxycytidine kinase (DCK) is required for the phosphorylation of several deoxyribonucleosides and their nucleoside analogs. Deficiency of DCK is associated with resistance to antiviral and anticancer chemotherapeutic agents. Conversely, increased deoxycytidine kinase activity is associated with increased activation of these compounds to cytotoxic nucleoside triphosphate derivatives. DCK is clinically important because of its relationship to drug resistance and sensitivity. [provided by RefSeq]
Synonyms:	MGC117410; MGC138632

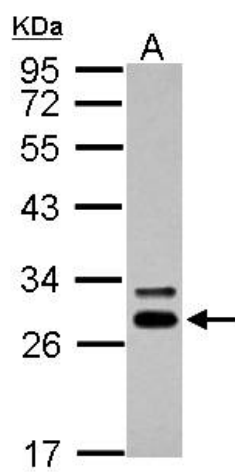


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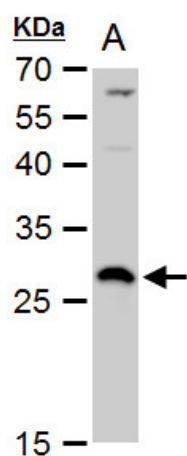
Protein Families: Druggable Genome

Protein Pathways: Purine metabolism, Pyrimidine metabolism

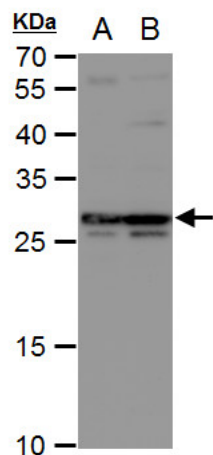
Product images:



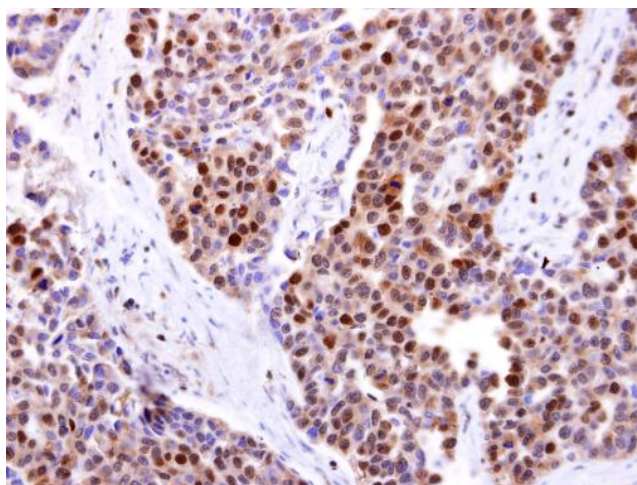
Sample (30 ug of whole cell lysate). A: A431. 12% SDS PAGE. TA308454 diluted at 1:5000.



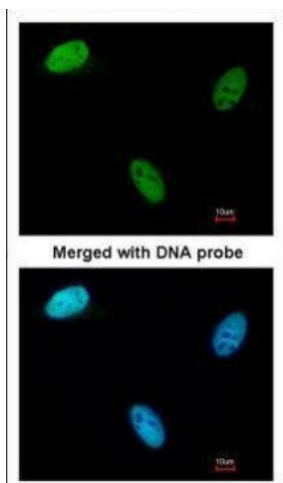
DCK antibody detects DCK protein by western blot analysis. A. 50 ug mouse brain extract. 12 % SDS-PAGE. DCK antibody (TA308454) dilution: 1:1000



DCK antibody detects DCK protein by western blot analysis. A. 30 ug PC-12 whole cell extract. B. 30 ug Rat2 whole cell extract. 12 % SDS-PAGE. DCK antibody (TA308454) dilution: 1:1000



DCK antibody detects DCK protein at cytosol and nucleus on human lung carcinoma by immunohistochemical analysis. Sample: DCK antibody (TA308454) dilution: 1:250.



Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using Deoxycytidine kinase (TA308454) antibody at 1:200 dilution.