# DCK Rabbit Polyclonal Antibody

**CAB1794**

## Product Information

**Size:**

20uL, 50uL, 100uL, 200uL

**Observed MW:**

31kDa

**Calculated MW:**

30kDa

**Applications:**

WB IHC IF

**Reactivity:**

Human, Mouse, Rat

## Protein 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.

## Immunogen information

**Gene ID:**
1633

**Uniprot**
P27707

**Synonyms:**
DCK

## Antibody Information

**Recommended dilutions:**
WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200

**Source:**
Rabbit

**Isotype:**
IgG

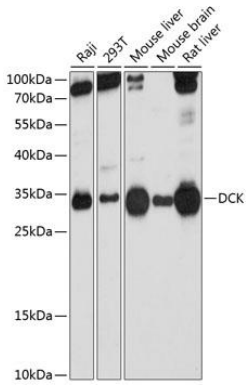
**Purification:**
Affinity purification

**Immunogen:**
Recombinant fusion protein containing a sequence corresponding to amino acids 1-260 of human DCK (NP_000779.1).

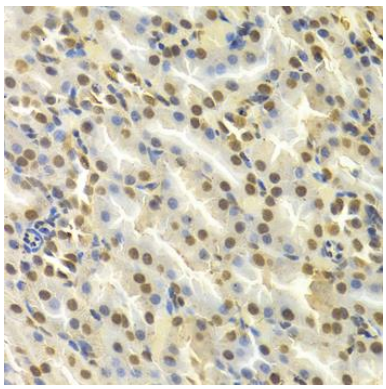
**Storage:**
Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

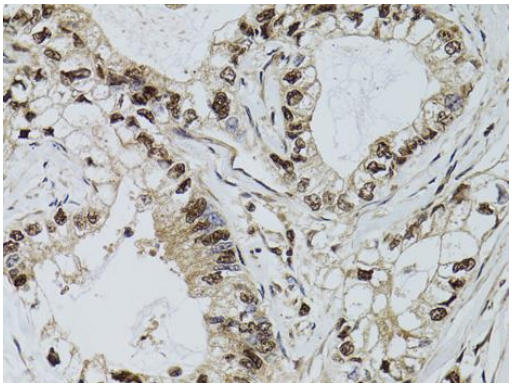
**Product Images**



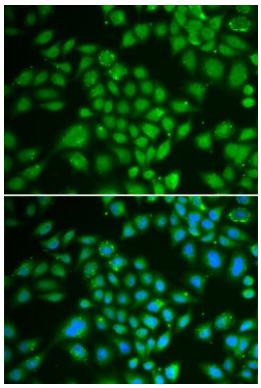

Western blot analysis of extracts of various cell lines, using DCK Antibody (CAB1794) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 10s.



Immunohistochemistry of paraffin-embedded rat kidney using DCK antibody (CAB1794) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human gastric cancer using DCK antibody (CAB1794) at dilution of 1:100 (40x lens).



Immunofluorescence analysis of HeLa cells using DCK antibody (CAB1794). Blue: DAPI for nuclear staining.