

## DCTD polyclonal antibody

Catalog: BS71940

Host: Rabbit

Reactivity: Human, Mouse, Rat

### Background:

The protein encoded by this gene catalyzes the deamination of dCMP to dUMP, the nucleotide substrate for thymidylate synthase. The encoded protein is allosterically activated by dCTP and inhibited by dTTP, and is found as a homohexamer. This protein uses zinc as a cofactor for its activity. Two transcript variants encoding different isoforms have been found for this gene.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

23kDa

### Swiss-Prot:

P32321

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB 1:500 - 1:2000

IHC 1:50 - 1:200

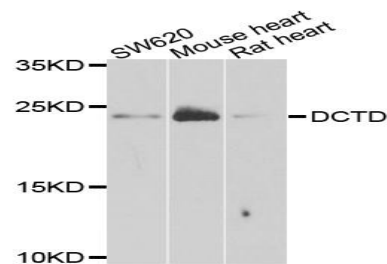
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

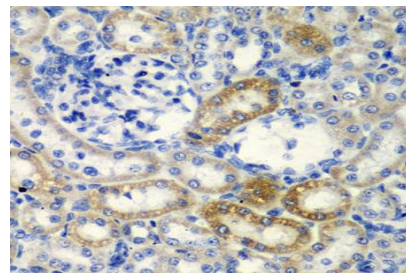
### Specificity:

DCTD polyclonal antibody detects endogenous levels of DCTD protein.

### DATA:



Western blot analysis of extracts of various cell lines, using DCTD antibody at 1:1000 dilution.



Immunohistochemistry of paraffin-embedded rat kidney using DCTD antibody at dilution of 1:200 (40x lens).

### Note:

For research use only, not for use in diagnostic procedure.

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