

## DCTD Polyclonal Antibody

<b>Catalog No.</b>	A5889	<b>Category</b>	Polyclonal Antibodies
<b>Applications</b>	WB, IHC	<b>Observed MW</b>	23kDa
<b>Cross-reactivity</b>	Human, Mouse, Rat	<b>Calculated MW</b>	20kDa/21kDa

### Immunogen Information

**Immunogen** Recombinant fusion protein containing a sequence corresponding to amino acids 1-178 of human DCTD (NP\_001912.2).

**Gene ID** 1635

**Swiss prot** P32321

**Synonyms** DCTD; dCMP deaminase

### Product information

**Source** Rabbit

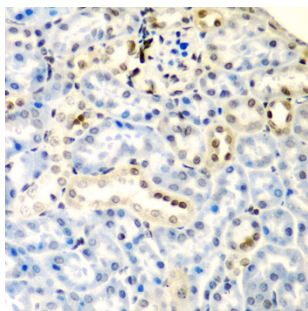
**Isotype** IgG

**Purification method** Affinity purification

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

### 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.

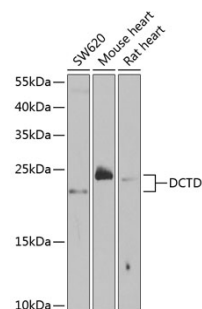


Immunohistochemistry - DCTD Polyclonal Antibody (A5889)

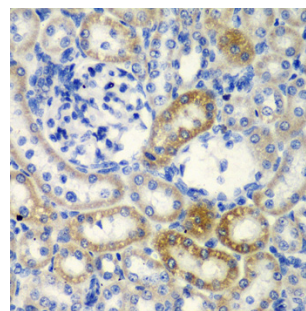
### Recommended Dilutions

WB 1:500 -  
1:2000

IHC 1:50 -  
1:200



Western blot - DCTD Polyclonal Antibody (A5889)



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