

Datasheet for ABIN6139451  
**anti-DCMP Deaminase (DCTD) (AA 1-178) antibody**



[Go to Product page](#)

3 Images

## Overview

Quantity:	100 µL
Target:	DCMP Deaminase (DCTD)
Binding Specificity:	AA 1-178
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

## Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-178 of human DCTD (NP_001912.2).
Sequence:	MSEVSCKKRD DYLEWPEYFM AVAFLSAQRS KDPNSQVGAC IVNSENKIVG IGYNGMPNGC SDDVLPWRR T AENKLDTKYP YVCHAELNAI MNKNSTDVKG CSMYVALFPC NECAKLIQQA GIKEVIFMSD KYHDSDEATA ARLLFNMAGV TFRKFIPKCS KIVIDFDSIN SRPSQKLQ
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

## Target Details

---

Target:	DCMP Deaminase (DCTD)
Alternative Name:	DCTD ( <a href="#">DCTD Products</a> )
Target Type:	Viral Protein
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.,DCTD,Epigenetics & Nuclear Signaling,DCTD
Molecular Weight:	20 kDa/21 kDa
Gene ID:	1635
UniProt:	<a href="#">P32321</a>

## Application Details

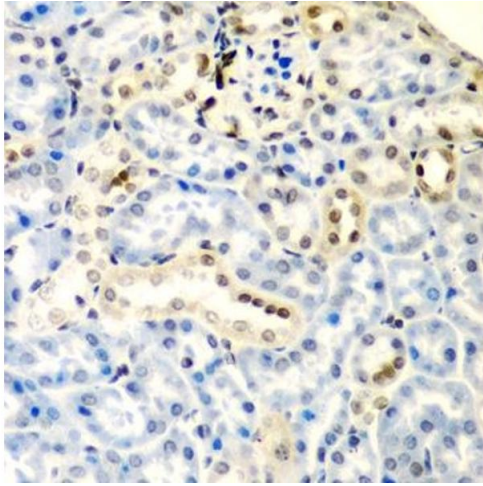
---

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

## Handling

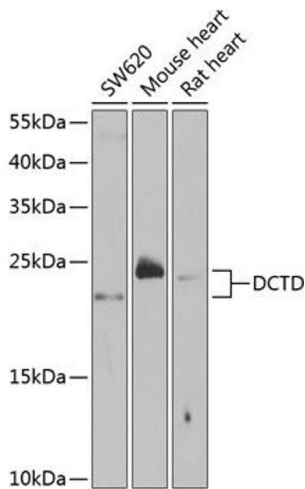
---

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



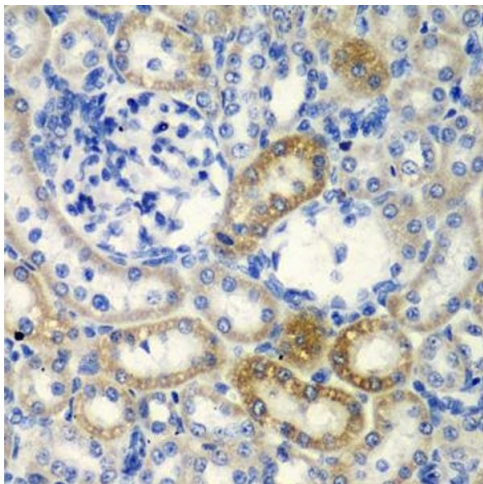
### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded mouse kidney using DCTD antibody at dilution of 1:200 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



### Western Blotting

**Image 2.** Western blot analysis of extracts of various cell lines, using DCTD antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.



### Immunohistochemistry

**Image 3.** Immunohistochemistry of paraffin-embedded rat kidney using DCTD antibody at dilution of 1:200 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.