

Datasheet for ABIN951852

**anti-DCMP Deaminase (DCTD) (AA 1-30), (N-Term) antibody**[Go to Product page](#)**2** Images

## Overview

Quantity:	0.4 mL
Target:	DCMP Deaminase (DCTD)
Binding Specificity:	AA 1-30, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

## Product Details

Immunogen:	KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of Human DCTD. Genename: DCTD
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human DCTD (N-term).
Purification:	Affinity Chromatography on Protein A

## Target Details

Target:	DCMP Deaminase (DCTD)
Alternative Name:	DCTD ( <a href="#">DCTD Products</a> )
Target Type:	Viral Protein

## Target Details

**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  
**Synonyms:** Deoxycytidylate deaminase, dCMP deaminase

**Molecular Weight:** 20016 Da

**Gene ID:** 1635

**NCBI Accession:** [NP\\_001012750](#)

## Application Details

**Application Notes:** Optimal working dilution should be determined by the investigator.

**Restrictions:** For Research Use only

## Handling

**Format:** Liquid

**Concentration:** 0.25 mg/mL

**Buffer:** PBS, 0.09 % Sodium Azide

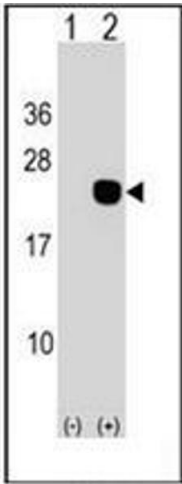
**Preservative:** Sodium azide

**Precaution of Use:** This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

**Handling Advice:** Avoid repeated freezing and thawing.

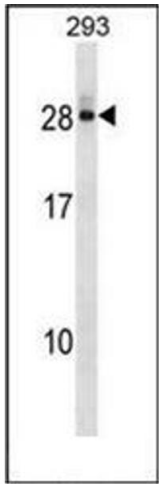
**Storage:** 4 °C/-20 °C

**Storage Comment:** Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

**Image 1.** Western blot analysis of DCTD (arrow) using DCTD Antibody (N-term) Cat.-No AP51205PU-N. 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the DCTD gene.



Western Blotting

**Image 2.** Western blot analysis of DCTD Antibody (N-term) in 293 cell line lysates (35ug/lane). This demonstrates the DCTD antibody detected the DCTD protein (arrow