

Datasheet for ABIN2784643

anti-DCMP Deaminase (DCTD) (Middle Region) antibody[Go to Product page](#)**2** Images

Overview

Quantity:	100 µL
Target:	DCMP Deaminase (DCTD)
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Dog, Goat, Guinea Pig, Horse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human DCTD
Sequence:	MSDKYHDSDE ATAARLLFNM AGVTFRKFIP KCSKIVIDFD SINSRPSQKL
Predicted Reactivity:	Cow: 100%, Dog: 86%, Goat: 100%, Guinea Pig: 100%, Horse: 86%, Human: 100%, Mouse: 93%, Rabbit: 86%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against DCTD. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	DCMP Deaminase (DCTD)
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Target Details

Alternative Name:	DCTD (DCTD Products)
Target Type:	Viral Protein
Background:	<p>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.</p> <p>Alias Symbols: MGC111062</p> <p>Protein Interaction Partner: MALSU1, GORASP2, TXN2, SDCBP, FGF12, UBC, DCTD, ELAVL1, LNX1, CEP76, NIF3L1, NUDT18,</p> <p>Protein Size: 189</p>
Molecular Weight:	21 kDa
Gene ID:	1635
NCBI Accession:	NM_001012732 , NP_001012750
UniProt:	D3DP49

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 189 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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 freeze-thaw cycles.
Storage:	-20 °C

Handling

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-DCTD

Antibody Titration: 0.2-1 µg/mL

Positive Control: ACHN cell lysate

DCTD is strongly supported by BioGPS gene expression data to be expressed in Human ACHN cells

Western Blotting

Image 2. WB Suggested Anti-DCTD Antibody Titration:

0.2-1 ug/ml

Positive Control: ACHN cell lysate