

Rabbit DCTD Polyclonal Antibody | anti-DCTD antibody

DCTD Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289017	Rabbit	Human (Predicted Reactivity: Mouse, Rat)	ELISA, Western Blot

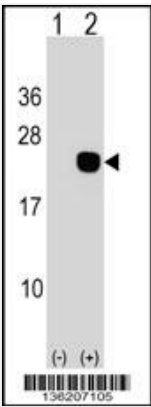
PRODUCT SYNONYMS

DCTD; Polyclonal Antibody; DCTD Antibody (N-term); Deoxycytidylate deaminase; dCMP deaminase; anti-DCTD antibody

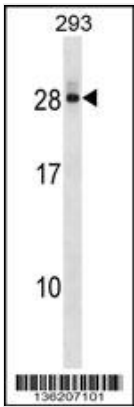
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This DCTD antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human DCTD.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	1-30
Sequence Length	189
Applicable Applications for anti-DCTD antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
Western blot analysis of DCTD (arrow) using rabbit polyclonal DCTD Antibody (N-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the DCTD gene.



WB (Western Blot)
DCTD Antibody (N-term) western blot analysis in 293 cell line lysates (35ug/lane). This demonstrates the DCTD antibody detected the DCTD protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-DCTD antibody	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.
References	Tanaka, M., et al. Cancer (2010) In press : Okazaki, T., et al. Clin. Cancer Res. 16(1):320-329(2010) Rha, S.Y., et al. Oncologist 12(6):622-630(2007) Rush, J., et al. Nat. Biotechnol. 23(1):94-101(2005) Rush, J., et al. Nat. Biotechnol. 23(1):94-101(2005)

NCBI AND UNIPROT INFORMATION

NCBI GI #	61742821
NCBI GeneID	1635
NCBI Accession #	NP_001012750.1; NP_001912.2
NCBI GenBank Nucleotide #	NM_001012732.1
UniProt Accession #	P32321; Q5M7Z8; Q9BVD8; B2R836; D3DP49; D3DP50
Molecular Weight	20016
NCBI Official Full Name	deoxycytidylate deaminase isoform a
NCBI Official Synonym Full Names	dCMP deaminase
NCBI Official Symbol	DCTD
NCBI Protein Information	deoxycytidylate deaminase
UniProt Protein Name	Deoxycytidylate deaminase
UniProt Gene Name	DCTD
UniProt Entry Name	DCTD_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/dctd-antibody-western-blot-elisa/289017>