

Product datasheet for **TA339959**

DCTD Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-DCTD antibody: synthetic peptide directed towards the middle region of human DCTD. Synthetic peptide located within the following region: MSDKYHDSDEATAARLLFNMAGVTRKFKIPKCSKIVIDFDSINSRPSQKL
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	21 kDa
Gene Name:	dCMP deaminase
Database Link:	NP_001012750 Entrez Gene 1635 Human P32321
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 homo-hexamers. This protein uses zinc as a cofactor for its activity. Two transcript variants encoding different isoforms have been found for this gene.



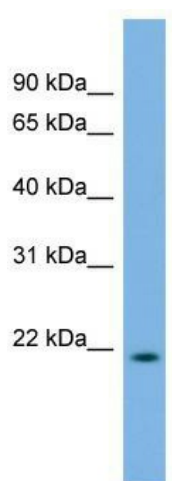
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Synonyms: MGC111062

Note: Immunogen Sequence Homology: Pig: 100%; Goat: 100%; Human: 100%; Bovine: 100%; Guinea pig: 100%; Rat: 93%; Mouse: 93%; Dog: 86%; Horse: 86%; Rabbit: 86%

Protein Pathways: Metabolic pathways, Pyrimidine metabolism

Product images:



WB Suggested Anti-DCTD Antibody Titration: 0.2-1 ug/ml; Positive Control: ACHN cell lysate DCTD is strongly supported by BioGPS gene expression data to be expressed in Human ACHN cells