

DNAxPAb

Hard-to-Find
Antibody

DCTD DNAxPab

Catalog # H00001635-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human DCTD DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MVGGGQPCGPNMSEVSCKKRDDYLEWPEYFMAVAFLSAQRSKDPNSQVGACIVNSENKIVGIGYNGMPNGCSDDVLPWRRTAENKLDTKYPYVCHAEINAIMNKNSTDVKGCSMYVALFPCNECAKLIQAGIKEVIFMSDKYHDSDEATAARLLFNMAGVTFRKFIPKCSKVIDFDSINSRPSQKLQ
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — DCTD

Entrez GeneID [1635](#)**GeneBank Accession#** [NM_001012732.1](#)**Protein Accession#** [NP_001012750.1](#)**Gene Name** DCTD**Gene Alias** MGC111062**Gene Description** dCMP deaminase**Omim ID** [607638](#)**Gene Ontology** [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations deoxycytidylate deaminase

Pathway

- [Metabolic pathways](#)
- [Pyrimidine metabolism](#)

Disease

- [Adenocarcinoma](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Kidney Failure](#)
- [Neutropenia](#)
- [Pancreatic Neoplasms](#)