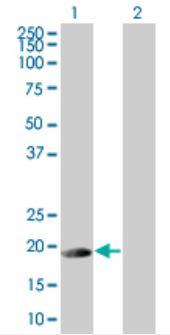
MaxPab®

DCTD MaxPab mouse polyclonal antibody (B01P)

Catalog # H00001635-B01P Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of DCTD expression in transfected 293T cell line (H00001635-T01) by DCTD MaxPab polyclonal antibody.

Lane 1: DCTD transfected lysate(20.79 KDa).
Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human DCTD protein.
Immunogen	DCTD (NP_001012750.1, 1 a.a. ~ 189 a.a) full-length human protein.
Sequence	MVGGGQPCGPNMSEVSCKKRDDYLEWPEYFMAVAFLSAQRSKDPNSQVGACIVNSENKIVGIG YNGMPNGCSDDVLPWRRTAENKLDTKYPYVCHAELNAIMNKNSTDVKGCSMYVALFPCNECAK LIIQAGIKEVIFMSDKYHDSDEATAARLLFNMAGVTFRKFIPKCSKIVIDFDSINSRPSQKLQ
Host	Mouse
Reactivity	Human
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

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  Western Blot analysis of DCTD expression in transfected 293T cell line (H00001635-T01) by DCTD MaxPab polyclonal antibody.

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  Protocol Download

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