MTHFD1 Antibody

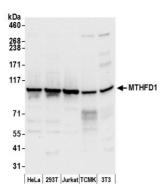
				LABORATORIES, INC LIFE SCIENCES	
Rabbit Polyclonal					
Antigen Affinity Purified		ed	Protein ID	P11586.3	
Catalog No. A305–286A–T		GenelD	4522		
Lot No. A305-286A-T-1		286A-T-1			
APPLICATIONS		WB, IP			
SPECIES REACTIVITY		Human, Mouse			
PRESUMED REACTIVITY		Based on 100% sequence identity, this antibody is predicted to react with Rat and Orangutan			
AMOUNT		10 µl			
CONCENTRATION		1000 μg/ml			
STORAGE/SHELF LIFE		2 – 8°C / 1 year from date of receipt			
PHYSICAL STATE		Liquid			
BUFFER		Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide			
ISOTYPE		IgG			
ORIGIN		USA			
PRODUCTION PROCEDURES		Antibody was affinity purified using an epitope specific to MTHFD1 immobilized on solid support.			
			rahydrofolate	305–286A–T maps to a region between residue 150 to 200 of synthase, cytoplasmic using the numbering given in entry	
APPLICATIONS		Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.			
		Western Blot	1:2	2,000 - 1:10,000	
		Immunoprecip	itation 2 -	- 10 µg/mg lysate	
ADDITIONAL INFO		https://www.bethyl.com/product/A305-286A-T Use the link above to view SDS, a current list of citations, and other product specific information. IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB			

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Michael Spencer, PhD Date: June 6, 2022

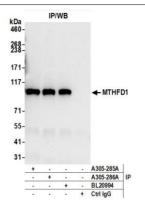
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Detection of human and mouse MTHFD1 by western blot. *Samples:* Whole cell lysate (50 μ g) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-MTHFD1 antibody A305-286A (lot A305-286A-1) used for WB at 0.1 μ g/ml. *Detection:* Chemiluminescence with an exposure time of 10 seconds.



Detection of human MTHFD1 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-MTHFD1 antibody A305-286A (lot A305-286A-1) used for IP at 6 µg per reaction. MTHFD1 was also immunoprecipitated by rabbit anti-MTHFD1 antibodies A305-285A and BL20994. For blotting immunoprecipitated MTHFD1, A305-286A was used at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 10 seconds.