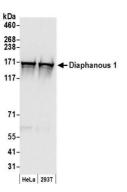
Diaphanous 1 Antibody

				Cr	
Rabbit Polyclonal					
Antigen Affinity Purifi		Protein ID	NP_005210.1		
Catalog No. A300-		GenelD	1729	BETHYL	
Lot No. A300-078A-1					
APPLICATIONS	WB, IHC				
SPECIES REACTIVITY	Human				
AMOUNT	100 µl				
CONCENTRATION	1000 µg/ml				
STORAGE/SHELF LIFE	2 – 8° C / 1 year from date of receipt				
PHYSICAL STATE	Liquid				
BUFFER	Tris-citrate/ph	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 Diaphanous 1 immobilized on solid support.				
	The epitope recognized by A300-078A maps to a region between residues 1200 and the C- terminus (residue 1248) of human Diaphanous Homolog 1 using the numbering given in entry NP_005210.1 (GeneID 1729).				
	Immunoglobulin concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.				
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	1:5	5,000 - 1:15,000		
	Immunohistoc	hemistry 1:1	I,000 – 1:5,000. Epitope retr	ieval is not recommended.	
APPLICATION NOTES	Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE.				
IHC HUMAN CONTROLS	Breast Carcinoma, Colon Carcinoma, Ovarian Carcinoma				
ADDITIONAL INFO	https://www.bethyl.com/product/A300-078A Use the link above to view SDS, a current list of citations, and other product specific information.				

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019

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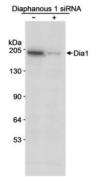


Detection of human Diaphanous 1 by western blot.

Samples: Whole cell lysate (50 μ g) from HeLa and HEK293T cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-Diaphanous 1 antibody A300-078A (lot A300-078A-1) used for WB at 0.66 μ g/ml. Detection: Chemiluminescence with an exposure time of 1 second.

Detection of human Diaphanous by

immunohistochemistry. *Sample:* FFPE section of human breast carcinoma. *Antibody:* Affinity purified rabbit anti-Diaphanous (Cat. No. A300-078A) used at a dilution of 1:1,000 (1µg/ml). *Detection:* DAB



Detection of human Diaphanous 1 by western blot.

Samples: Whole cell lysate (50 μ g/lane) from untreated or siRNA treated HEK293T cells. *Antibody:* Affinity purified rabbit anti-Diaphanous 1 antibody A300-078A used at 0.1 μ g/ml. *Detection:* Chemiluminescence with 10 second exposure.



A300-078A