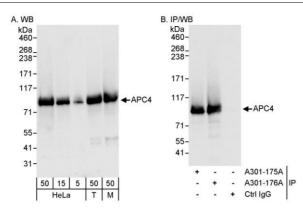
APC4 Antibody

Rabbit Polyclonal Antigen Affinity Purified		Protein ID	NP_037499.2	
Catalog No. A301-		GenelD	29945	
5	176A-1	Gener		BETHYL LABORATORIES, INC
APPLICATIONS	WB, IP			
SPECIES REACTIVITY	Human, Mouse			
PRESUMED REACTIVITY	Y Based on 100% sequence identity, this antibody is predicted to rea			o react with Orangutan
AMOUNT	100 µl			
CONCENTRATION	200 µg/ml			
STORAGE/SHELF LIFE	2 - 8° C / 1 year from date of receipt			
PHYSICAL STATE	Liquid			
BUFFER	Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide			
ISOTYPE	IgG			
ORIGIN	USA			
PRODUCTION PROCEDURES	Antibody was affinity purified using an epitope specific to APC4 immobilized on solid support.			
	The epitope recognized by A301–176A maps to a region between residue 758 and 808 of human anaphase-promoting complex subunit 4 using the numbering given in entry NP_037499.2 (GeneID 29945).			
	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	1:2	2,000 – 1:10,000	
	Immunoprecipita	ation 2 -	5 µg/mg lysate	
APPLICATION NOTES	Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. S100–020), Goat anti-Rabbit Light Chain HRP Conjugate (Cat. No. A120–113P) and 4–8% SDS-PAGE (link to IP-western blot protocol in Additional Info section below).			
	Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE.			
ADDITIONAL INFO	https://www.bethyl.com/product/A301–176A			
	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. Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019

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Detection of human and mouse APC4 by western blot (h&m) and immunoprecipitation (h). Samples: Whole cell lysate from HeLa (5, 15, and 50 µg for WB; 1 mg for IP, 20% of IP loaded), HEK293T (T; 50 µg), and mouse NIH 3T3 (M; 50 µg) cells. Antibodies: Affinity purified rabbit anti-APC4 antibody A301-176A used for WB at 0.04 µg/ml (A) and 1.0 µg/ml (B) and used for IP at 3 µg/mg lysate. APC4 was also immunoprecipitated by rabbit anti-APC4 antibody A301-175A, which recognizes an upstream epitope. Detection: Chemiluminescence with exposure times of 3 seconds (A) and 1 second (B).

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