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Datasheet for ABIN1695643

**anti-APC2 antibody (AA 1-100) (Alexa Fluor 488)**

## Overview

Quantity:	100 µL
Target:	APC2
Binding Specificity:	AA 1-100
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This APC2 antibody is conjugated to Alexa Fluor 488
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human APCL/APC2
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Pig, Horse
Purification:	Purified by Protein A.

## Target Details

Target:	APC2
Alternative Name:	APCL/APC2 ( <a href="#">APC2 Products</a> )
Background:	Synonyms: Adenomatous polyposis coli protein 2, Adenomatous polyposis coli protein-like,

## Target Details

APCL, APC2\_HUMAN.

Background: The adenomatous polyposis syndromes, familial adenomatous polyposis (FAP) and Gardner's syndrome (GS), are characterized by numerous adenomatous polyps throughout the entire colon. These polyps invariably progress to colon cancer in addition to other extracolonic manifestations. The cloning of the APC gene revealed a ubiquitously expressed protein, 2843 amino acids in length, which is frequently mutated in patients suffering from FAP and GS. APC has been found to be associated with structural components of intracellular junctions. b-catenin and g-catenin (also called plakoglobin) are involved in the regulation of cellular adhesion. APC and E cadherin compete for binding to specific internal regions of both b- and g-catenin. Interactions between cytoskeleton and the APC, E cadherin, b/g catenin complex are mediated by a-catenin.

Gene ID: 10297

Pathways: [WNT Signaling](#)

## Application Details

Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months