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Datasheet for ABIN1706669
anti-APC2 antibody (AA 1-100) (Cy5.5)

Overview

| | |
|----------------------|---|
| Quantity: | 100 µL |
| Target: | APC2 |
| Binding Specificity: | AA 1-100 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This APC2 antibody is conjugated to Cy5.5 |
| 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 (APC2 Products) |
| 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