Datasheet for ABIN265313

anti-APC antibody

2 Images

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Overview

Quantity:	0.1 mg
Target:	APC
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This APC antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Specificity:	This antibody detects endogenous levels of APC / DP2.5 protein (region surrounding Gln2829).
Cross-Reactivity (Details):	Species reactivity (expected):Mouse and Rat. Species reactivity (tested):Human.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity chromatography using epitope-specific immunogen
Purity:	> 95 % pure by SDS-PAGE

Target Details

Target:	APC
Alternative Name:	APC / DP2.5 (APC Products)
Background:	Adenomatous polyposis coli (APC) is a protein that plays a critical role in several cellular

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Target Details

	processes. APC is a tumor suppressor, regulates cell division, helps ensure that the number of chromosomes in a cell is correct following cell division and associates with other proteins involved in cell attachment and signaling. APC regulates ß-catenin levels through Wnt-signaling and is involved in actin cytoskeletal integrity, cell-cell adhesion and cell migration. Defects in this gene cause familial adenomatous polyposis (FAP), an autosomal dominant pre-malignant disease that usually progresses to malignancy. Disease-associated mutations tend to be clustered in a small region designated the mutation cluster region (MCR) and result in a truncated protein product.Synonyms: Adenomatous polyposis coli protein, Deleted in polyposis 2.5
Molecular Weight:	approx. 310 kDa
Gene ID:	324
NCBI Accession:	NP_000029
UniProt:	P25054
Pathways:	WNT Signaling, Stem Cell Maintenance, Cell-Cell Junction Organization

Application Details

Application Notes:	ELISA: 1: 40000approx. 1: 60000. WB: 1: 500approx. 1: 1000. IHC: 1: 50approx. 1: 200. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Concentration:	1.0 mg/mL
Buffer:	Phosphate buffered saline (PBS), pH 7.2, 0.05 % Sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

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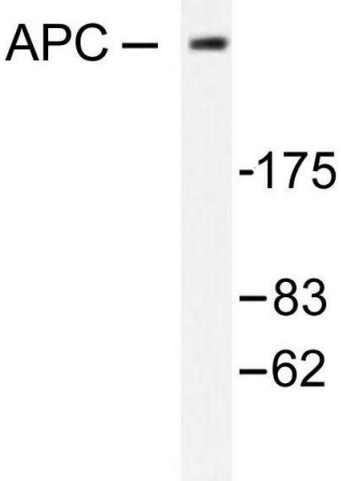

Image 1.

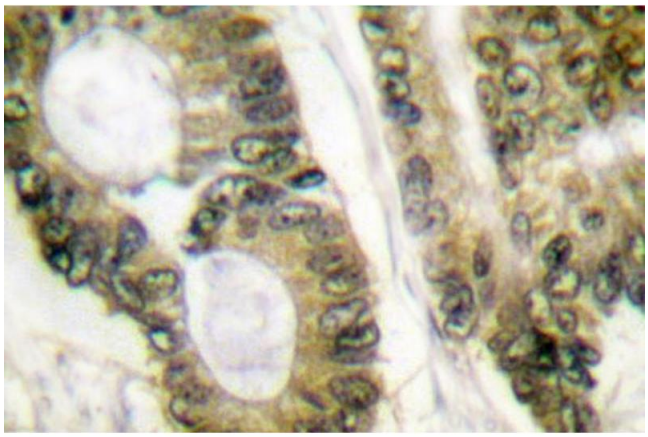

Image 2.

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