



Anti-APC (aa 2744-2843) polyclonal antibody [Biotin] (DPAB-DC1604)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description This gene encodes a tumor suppressor protein that acts as an antagonist of the Wnt signaling pathway. It is also involved in other processes including cell migration and adhesion, transcriptional activation, and apoptosis. 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.

Immunogen APC (NP_000029, 2744 a.a. ~ 2843 a.a) partial recombinant protein with GST tag. The sequence is
NPVPVSETNESSIVERTPFSSSSSKHSSPSGTVAARVTPFNYNPSRKSSADSTSARPS
QIPTPVNNNTKKRDSKTDSTESSGTQSPKRHSGSYLVTSV

Source/Host Mouse

Species Reactivity Human

Conjugate Biotin

Applications WB (Recombinant protein), ELISA,

Size 50 µl

Buffer 50 % glycerol

Preservative None

Storage Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	APC adenomatous polyposis coli [Homo sapiens (human)]
Official Symbol	APC
Synonyms	APC; adenomatous polyposis coli; GS; DP2; DP3; BTPS2; DP2.5; PPP1R46; adenomatous polyposis coli protein; deleted in polyposis 2.5; adenomatosis polyposis coli tumor suppressor; protein phosphatase 1, regulatory subunit 46;
Entrez Gene ID	324
Protein Refseq	NP_000029
UniProt ID	P25054
Chromosome Location	5q21-q22
Pathway	Apoptosis; Apoptotic execution phase; Basal cell carcinoma; CDC42 signaling events
Function	beta-catenin binding; NOT cadherin binding; gamma-catenin binding; microtubule binding