

Product datasheet for **TA422595**

APC Rabbit Monoclonal Antibody [Clone ID: OTIRA0414]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTIRA0414
Applications:	ICC, ICC/IF, IHC, IP, WB
Recommended Dilution:	WB:1/1000-2000;IHC:1/100-200;ICC/IF:1/50-200;IP:1/20-50
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Immunogen:	A synthesized peptide derived from human APC
Specificity:	APC Antibody detects endogenous levels of APC
Formulation:	Rabbit IgG in 10mM phosphate buffered saline , pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
Concentration:	lot specific
Purification:	Affinity-chromatography
Conjugation:	Unconjugated
Storage:	Store at +4°C short term. Store at -21°C long term. Avoid freeze / thaw cycle.
Predicted Protein Size:	160kDa
Gene Name:	adenomatous polyposis coli
Database Link:	Entrez Gene 324 Human P25054

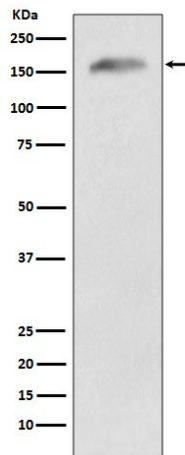


Background:

Tumor suppressor. Promotes rapid degradation of CTNNB1 and participates in Wnt signaling as a negative regulator. APC activity is correlated with its phosphorylation state. Activates the GEF activity of SPATA13 and ARHGEF4. Plays a role in hepatocyte growth factor (HGF)-induced cell migration. Required for MMP9 up-regulation via the JNK signaling pathway in colorectal tumor cells. Acts as a mediator of ERBB2-dependent stabilization of microtubules at the cell cortex.

Synonyms:

Adenomatous polyposis coli protein; APC; APC protein; DP2.5; mAPC

Product images:

Western blot analysis of APC expression in 293T cell lysate.