

## Product datasheet for **TA303394**

### APC Rabbit Monoclonal Antibody [Clone ID: EP701Y]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	EP701Y
Applications:	IHC, WB
Recommended Dilution:	WB: 1:500-1,000; IHC: 1:50-100; ICC: 50-100; IP: 1:50
Reactivity:	Rat, Human (Does not react with: Mouse)
Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Immunogen:	A synthetic peptide corresponding to residues near the N-terminus of human APC was used as immunogen. This antibody is predicted to detect isoform 2 based on sequence analysis.
Formulation:	PBS 49%, Sodium azide 0.01%, Glycerol 50%, BSA 0.05%
Purification:	Tissue culture supernatant
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	160 kDa
Gene Name:	adenomatous polyposis coli
Database Link:	<a href="#">NP_000029</a> <a href="#">Entrez Gene 11789 Mouse</a> <a href="#">Entrez Gene 24205 Rat</a> <a href="#">Entrez Gene 324 Human</a> <a href="#">P25054</a>
Background:	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. [provided by RefSeq]
Synonyms:	BTPS2; DP2; DP2.5; DP3; GS; PPP1R46



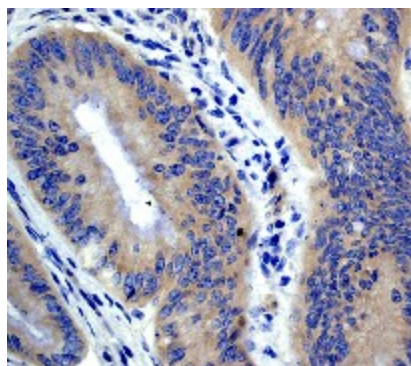
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<b>Note:</b>	Does not react with Mouse
<b>Protein Families:</b>	Druggable Genome
<b>Protein Pathways:</b>	Basal cell carcinoma, Colorectal cancer, Endometrial cancer, Pathways in cancer, Regulation of actin cytoskeleton, Wnt signaling pathway

### Product images:



Western blot - APC antibody [EP701Y]; Anti-APC antibody [EP701Y] at 1/1000 dilution + 10 ug/ml HEK293 cell lysate.Secondary:1:2000 goat anti-rabbit HRP labeled.Observed band size : 160 kDa.Additional bands at : 250 kDa. We are unsure as to the identity of these extra bands.



Immunohistochemistry (Paraffin-embedded sections) - APC antibody [EP701Y]; TA303394 (1:50), staining human colon carcinoma by immunohistochemistry, paraffin-embedded tissue.