For research purposes only, not for human use

Product Data Sheet

Anti-APC (Phospho-S2054) Antibody

Catalog #	Source	Reactivity	Applications
CPA1056	Rabbit	H, M, R, Mk, P	WB, IH

Description	Rabbit polyclonal antibody to APC (Phospho-S2054)
Immunogen	KLH-conjugated synthetic phosphopeptide corresponding to residues surrounding S2054 of human APC protein. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of APC protein only when phosphorylated at S2054.
Clonality	Polyclonal
Conjugation	
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Dilution	WB (1/500 - 1/1000), IH (1/50 - 1/100)
Gene Symbol	APC
Alternative Names	DP2.5; Adenomatous polyposis coli protein; Protein APC; Deleted in polyposis 2.5
Entrez Gene	324 (Human); 24205 (Rat)
SwissProt	P25054 (Human); Q61315 (Mouse); P70478 (Rat)
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference
Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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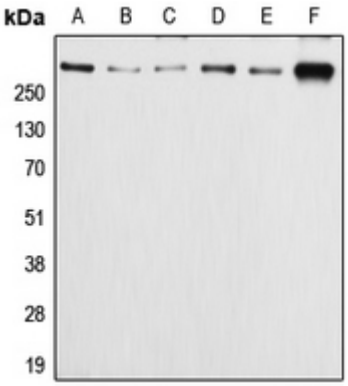
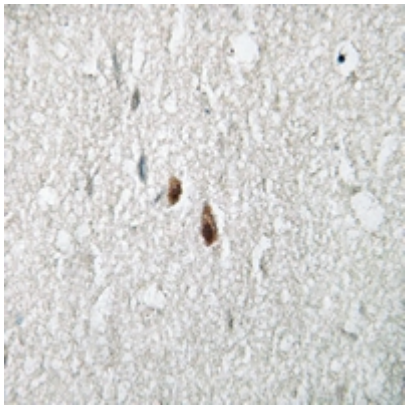


Western blot analysis of APC (Phospho-S2054) expression in HeLa (A), Caco2 (B), SW480 (C), MCF7 (D), SP2/0 (E), PC12 (F) whole cell lysates. (Predicted band size: 311 kD; Observed band size: 310 kD)



Immunohistochemical analysis of APC (Phospho-S2054) staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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