APC1 (phospho Ser355) antibody

Cat. No. GTX10923

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, IP, ELISA
Reactivity	Human

Package
100 µg

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:200-1:2000
IP	1:100
ELISA	1:10000-1:35000

Not tested in other applications.

Calculated MW 217 kDa. (Note)

Properties

Form	Liquid
Buffer	20mM Potassium Phosphate, 150mM NaCl
Preservative	0.01% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4ºC. For long-term storage, aliquot and store at -20ºC or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Synthetic peptide corresponding to an internal region near amino acids 350-375 of Human Apc1 protein.
Purification	Purified by antigen-affinity chromatography. This affinity purified antibody is directed against the phosphorylated form of human APC1 at the pS355 residue. The product was affinity purified from monospecific antiserum by immunoaffinity purification. Antiserum was first purified against the phosph
Conjugation	Unconjugated

For full product information, images and publications, please visit our website.

GeneTex, Inc. (North America)
1-877-436-3839 (Toll-free) 1-949-309-2888 sales@genetex.com

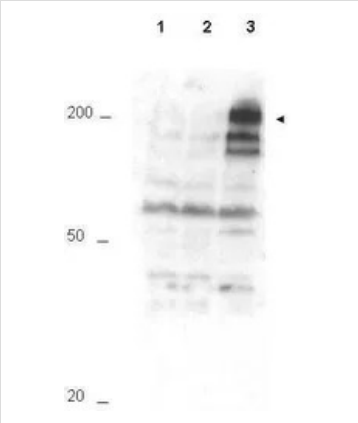
GeneTex International Corporation (Global)
886-3-6208988 886-3-6208989 infoasia@genetex.com

Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES



GTX10923 WB Image

Western blot using GeneTex Affinity Purified anti-APC1 pS355 antibody (GTX10923) shows detection of a band ~215 kDa corresponding to phosphorylated human APC1 (arrowhead). Lane 1 shows lysate from asynchronous cells. Lane 2 shows lysate from cells treated with thymidine to synchronize cells at the G1/S boundary. Lane 3 shows lysate from cells treated with nocodazole to synchronize cells at the M phase. Phosphorylated APC1 is mostly present only in cell preparations arrested at cell division. Each lane contains approximately 30 ug of HeLa S3 whole cell lysates separated by 12.5% SDS-PAGE followed by transfer to nitrocellulose. After blocking with 5% non-fat dry milk in TTBS, the membrane was probed with the primary antibody diluted to 1:500 for 1 h at room temperature followed by washes and reaction with a 1:5,000 dilution of HRP Gt-a-Rabbit IgG [H&L] MX (GTX27090) for 45 min at room temperature. ECL reagent was used for detection. Other detection systems will yield similar results.

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