

Adenylate kinase 4 antibody [N1C3]

Cat. No. GTX104430

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P, IHC
Reactivity	Human

References (1)

Package

100 µl, 25 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	1:100-1:1000
IHC-P	1:100-1:1000
IHC	Assay dependent

Not tested in other applications.

Calculated MW 25 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	0.1M Tris, 0.1M Glycine, 10% Glycerol
Preservative	0.01% Thimerosal
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of human Adenylate kinase 4. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated



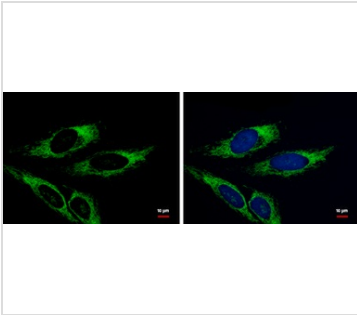
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Note

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



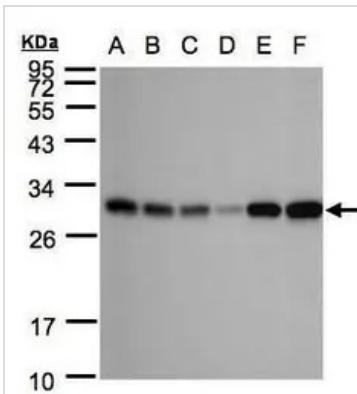
GTX104430 ICC/IF Image

Adenylate kinase 4 antibody [N1C3] detects Adenylate kinase 4 protein at mitochondria by immunofluorescent analysis.

Sample: HeLa cells were fixed in 2% paraformaldehyde/culture medium at 37°C for 30 min.

Green: Adenylate kinase 4 protein stained by Adenylate kinase 4 antibody [N1C3] (GTX104430) diluted at 1:500.

Blue: Hoechst 33342 staining.



GTX104430 WB Image

Sample(30 ug whole cell lysate)

A: 293T

B: A431 (GTX27909)

C: H1299

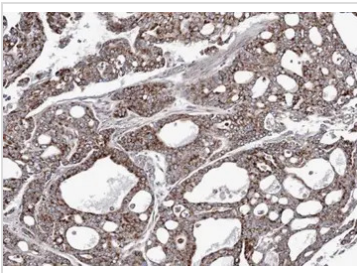
D: HeLa S3 (GTX14654)

E: Hep G2 (GTX27900)

F: Raji (GTX27908)

12% SDS PAGE

GTX104430 diluted at 1:1000



GTX104430 IHC-P Image

Immunohistochemical analysis of paraffin-embedded gastric cancer N87 xenograft, using Adenylate kinase 4(GTX104430) antibody at 1:100 dilution.

Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min



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