

Adenylate kinase 2 antibody [N1C3]

Cat. No. GTX107613

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

Package
100 µl, 25 µl

APPLICATION

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

Not tested in other applications.

Calculated MW 26 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	0.35 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 2. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

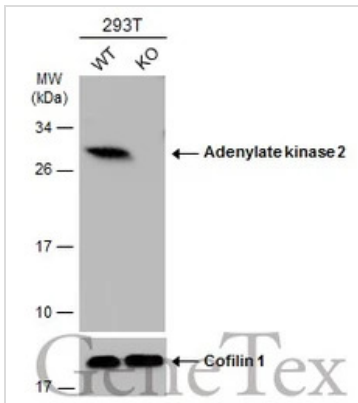
Note

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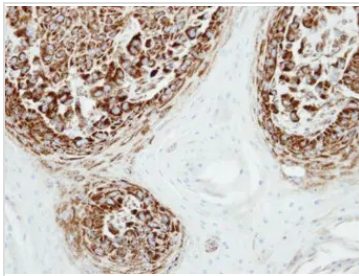
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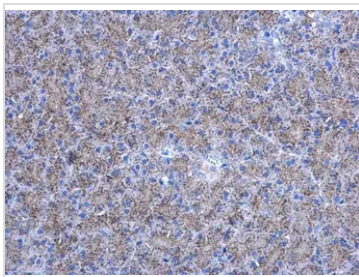
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DATA IMAGES

GTK107613 WB Image

Wild-type (WT) and Adenylate kinase 2 knockout (KO) 293T cell extracts (30 µg) were separated by 12% SDS-PAGE, and the membrane was blotted with Adenylate kinase 2 antibody (GTK107613) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTK213110-01) was used to detect the primary antibody.

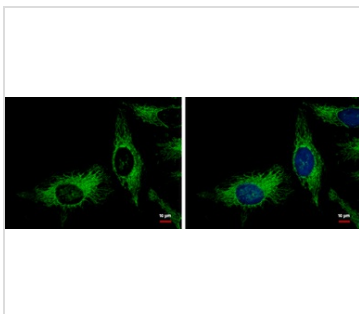

GTK107613 IHC-P Image

Immunohistochemical analysis of paraffin-embedded Cal27 xenograft, using Adenylate kinase 2 (GTK107613) antibody at 1:500 dilution.
Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


GTK107613 IHC-P Image

Adenylate kinase 2 antibody [N1C3] detects Adenylate kinase 2 protein at mitochondria in rat pancreas by immunohistochemical analysis.
Sample: Paraffin-embedded rat pancreas.
Adenylate kinase 2 antibody [N1C3] (GTK107613) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


GTK107613 ICC/IF Image

Adenylate kinase 2 antibody [N1C3] detects Adenylate kinase 2 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 2 protein stained by Adenylate kinase 2 antibody [N1C3] (GTK107613) diluted at 1:500.
Blue: Hoechst 33342 staining.



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