

ATP synthase B1 antibody [N1C3]

Cat. No. GTX114970

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

Package
100 µl, 25 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1:1000-1:10000
ICC/IF	1:100-1:1000
IHC-P	1:100-1:1000

Not tested in other applications.

Calculated MW 29 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	0.1M Tris, 0.1M Glycine, 20% 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	0.51 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of human ATP synthase B1. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

Note

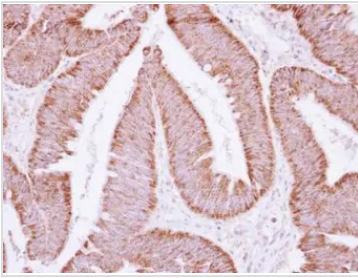
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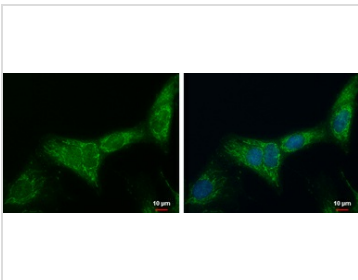
DATA IMAGES



GTx114970 IHC-P Image

Immunohistochemical analysis of paraffin-embedded human colon carcinoma, using ATP synthase B1(GTx114970) antibody at 1:250 dilution.

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



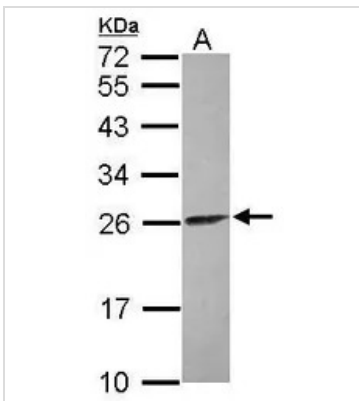
GTx114970 ICC/IF Image

ATP synthase B1 antibody [N1C3] detects ATP synthase B1 protein at mitochondria by immunofluorescent analysis.

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

Green: ATP synthase B1 protein stained by ATP synthase B1 antibody [N1C3] (GTx114970) diluted at 1:500.

Blue: Hoechst 33342 staining.



GTx114970 WB Image

Sample (30 ug of whole cell lysate)

A: IMR32

12% SDS PAGE

GTx114970 diluted at 1:5000



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