

PI4 kinase alpha antibody [C1C2], Internal

Cat. No. GTX107441

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

Not tested in other applications.

Observed MW (kDa)	230-260 kDa.
Product Note	KO/KD validation is based on published data (PMID: 36280710).

Properties

Form	Liquid
Buffer	PBS, 20% Glycerol
Preservative	0.025% ProClin 300
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	0.64 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of human PI4 kinase alpha. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated



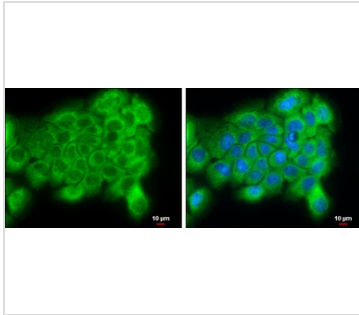
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Date 2026 / 10 / 08 Page 1 of 2

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

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

GTx107441 ICC/IF Image

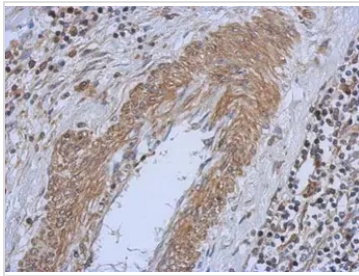
PI4 kinase alpha antibody [C1C2], Internal detects PI4 kinase alpha protein at cytoplasm by immunofluorescent analysis.

Sample: A431 cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: PI4 kinase alpha protein stained by PI4 kinase alpha antibody [C1C2], Internal (GTx107441) diluted at 1:500.

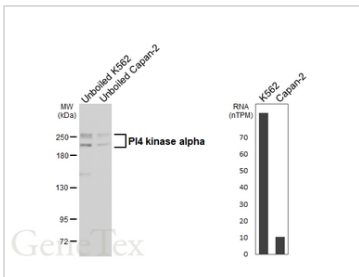
Blue: Hoechst 33342 staining.

Scale bar = 10 μm.


GTx107441 IHC-P Image

Immunohistochemical analysis of paraffin-embedded human gastric cancer, using PI4 kinase alpha (GTx107441) antibody at 1:500 dilution.

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


GTx107441 WB Image

Unboiled various whole cell extracts (30 μg) were separated by 5% SDS-PAGE, and the membrane was blotted with PI4 kinase alpha antibody [C1C2], Internal (GTx107441) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody. Corresponding RNA expression data for the same cell lines are based on Human Protein Atlas program.



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