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ALPK3 Rabbit pAb

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Catalog # AP57772

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q96L96
Reactivity	Human
Predicted	Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	180672
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human ALPK3
Epitope Specificity	1821-1907/1907
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	Preservative: 0.02% Proclin300, Constituents: 1% BSA, 0.01M PBS, pH7.4.
SUBCELLULAR LOCATION	Nucleus.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	ALPK3 (Alpha Kinase 3) is a Protein Coding gene. GO annotations related to this gene include transferase activity, transferring phosphorus-containing groups and protein serine/threonine kinase activity. An important paralog of this gene is ALPK2.

Additional Information

Gene ID	57538
Other Names	Alpha-protein kinase 3, 2.7.11.1, Muscle alpha-protein kinase, ALPK3 (HGNC:17574)
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

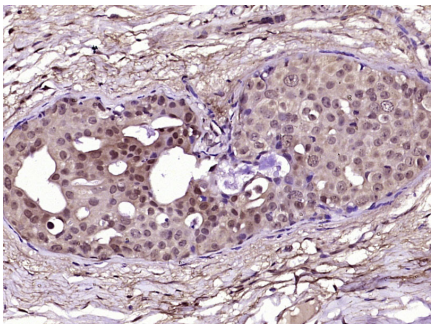
Name	ALPK3 (HGNC:17574)
Function	Involved in cardiomyocyte differentiation.

Cellular Location	Nucleus {ECO:0000250|UniProtKB:Q924C5}.

Background

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Images



Paraformaldehyde-fixed, paraffin embedded (Human breast carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (ALPK3) Polyclonal Antibody, Unconjugated (AP57772) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.