

ALPK3 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP57772

Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q96L96
Reactivity	Human, 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.
SIMILARITY	Belongs to the protein kinase superfamily. Alpha-type protein kinase family. ALPK subfamily. Contains 1 alpha-type protein kinase domain. Contains 1 Ig-like (immunoglobulin-like) domain.
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.

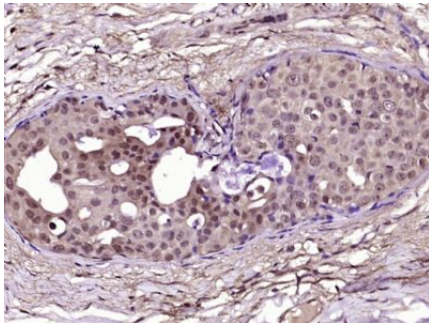
Additional Information

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,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Format	0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce
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}.

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) instructions and DAB staining.

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