

ALPK3 Rabbit pAb

Catalog # AP98087

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q96L96
Other Accession	Q96L96
Host	Rabbit
Clonality	Polyclonal
Calculated MW	180672
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human ALPK3
Epitope Specificity	251-350/1907
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
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	CMH27; MAK; MIDORI; ALPK3_HUMAN; ALPK3; Muscle alpha-protein kinase; 2.7.11.1; KIAA1330; alpha kinase 3; myocyte induction differentiation originator; muscle alpha-kinase
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}.

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