10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

ALPK3 Rabbit pAb

Catalog # AP98087

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q96L96
Other Accession	Q96L96
Reactivity	Human
Predicted	Rat, Mouse
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}.

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