

ARG67238
anti-ALPK2 antibodyPackage: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes ALPK2
Tested Reactivity	Hu, Ms, Rat
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	ALPK2
Conjugation	Un-conjugated
Alternate Names	ALPK2; Alpha Kinase 2; HAK; Heart Alpha-Protein Kinase; Alpha-Protein Kinase 2; Heart Alpha-Kinase; EC 2.7.11.1

Application Instructions

Application table	Application	Dilution
	IHC-P	1:200 - 1:500
	WB	1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Affinity purified
Buffer	100 mM Tris Glycine (pH 7.0), 0.025% ProClin 300 and 20% Glycerol.
Preservative	0.025% ProClin 300
Stabilizer	20% Glycerol
Concentration	1.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	ALPK2
Gene Full Name	Alpha Kinase 2
Background	Predicted to enable ATP binding activity; histone H2AS1 kinase activity; and protein serine kinase activity. Involved in several processes, including epicardium morphogenesis; heart development; and negative regulation of Wnt signaling pathway involved in heart development. Acts upstream of or within regulation of gene expression. Located in basolateral plasma membrane. [provided by Alliance of Genome Resources, Nov 2024]
Function	Regulates cardiac development and cardiomyocyte differentiation by negatively regulating Wnt/beta-catenin signaling. [Uniprot]
Calculated Mw	237 kDa
PTM	Disulfide bond. [Uniprot]
Cellular Localization	Cell membrane, Membrane. [Uniprot]