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**Product Name: Alpha-protein Kinase 2 Rabbit Polyclonal Antibody****Catalog #: APRab06805**

For research use only.

**Summary**

<b>Description</b>	Rabbit polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	IHC,ICC/IF,ELISA
<b>Reactivity</b>	Human,Rat,Mouse
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
<b>Purification</b>	Affinity purification

**Application**

**Dilution Ratio** IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:20000-1:40000

**Molecular Weight**

**Antigen Information**

<b>Gene Name</b>	ALPK2
<b>Alternative Names</b>	ALPK2; HAK; Alpha-protein kinase 2; Heart alpha-protein kinase
<b>Gene ID</b>	115701.0
<b>SwissProt ID</b>	Q86TB3
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human ALPK2. AA range:1741-1790

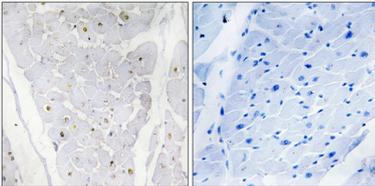
**Background**

function:Kinases that recognize phosphorylation sites in which the surrounding peptides have an alpha-helical

conformation.,similarity:Belongs to the protein kinase superfamily. Alpha-type protein kinase family. ALPK subfamily.,similarity:Contains 1 alpha-type protein kinase domain.,similarity:Contains 1 Ig-like (immunoglobulin-like) domain.,function:Kinases that recognize phosphorylation sites in which the surrounding peptides have an alpha-helical conformation.,similarity:Belongs to the protein kinase superfamily. Alpha-type protein kinase family. ALPK subfamily.,similarity:Contains 1 alpha-type protein kinase domain.,similarity:Contains 1 Ig-like (immunoglobulin-like) domain.,

## Research Area

## Image Data



Immunohistochemistry analysis of paraffin-embedded human heart , using ALPK2 Antibody. The picture on the right is blocked with the synthesized peptide.