

Product Name: α -protein Kinase 1 Rabbit Polyclonal Antibody
Catalog #: APRab20334



Summary

Production Name	α -protein Kinase 1 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	ALPK1
Alternative Names	ALPK1; KIAA1527; LAK; Alpha-protein kinase 1; Chromosome 4 kinase; Lymphocyte alpha-protein kinase
Gene ID	80216.0
SwissProt ID	Q96QP1.The antiserum was produced against synthesized peptide derived from human ALPK1. AA range:11-60

Application

Dilution Ratio	WB 1:500 - 1:2000. ELISA: 1:20000. Not yet tested in other applications.
Molecular Weight	139kD

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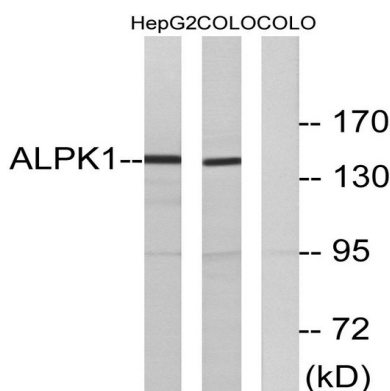


Background

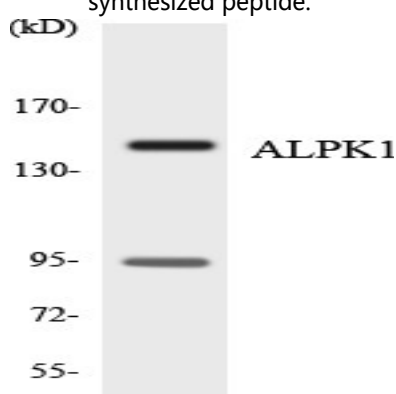
This gene encodes an alpha kinase. Mice which were homozygous for disrupted copies of this gene exhibited coordination defects (PMID: 21208416). Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2011],function:Kinases that recognize phosphorylation 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.,tissue specificity:Highly expressed in liver.,

Research Area

Image Data

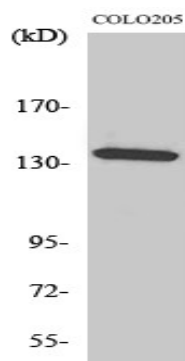


Western blot analysis of lysates from COLO and HepG2 cells, using ALPK1 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from 293 cells using ALPK1 antibody.

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Western Blot analysis of various cells using α -protein Kinase 1 Polyclonal Antibody. Secondary antibody was diluted at 1:20000

Note

For research use only.