



Rabbit Anti-ADCK4 antibody

SL8070R

Product Name:	ADCK4
Chinese Name:	ADCK4蛋白抗体
Alias:	aarF domain containing protein kinase 4; Uncharacterized aarF domain containing protein kinase 4; ADCK4 HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Cow,Horse,Rabbit,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:200-800 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	60kDa
Cellular localization:	cytoplasmicThe cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human ADCK4:65-170/544
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
PubMed:	PubMed
Product Detail:	ADCK4, AarF domain containing kinase 5, is a member of group i collagen (fibrillar forming collagen). The function of this protein is not yet clear. It is not known if it has protein kinase activity and what type of substrate it would phosphorylate (Ser, Thr or Tyr). There are 2 named isoforms produced by alternative splicing. Function:

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Subcellular Location:

Membrane; Single-pass membrane protein(Potential).

Similarity:

Belongs to the protein kinase superfamily. ADCK protein kinase family. Contains 1 protein kinase domain.

SWISS:

Q96D53

Gene ID:

79934

Database links:

[Entrez Gene: 79934](#)Human

[Entrez Gene: 76889](#)Mouse

[Entrez Gene: 308453](#)Rat

[Omim: 615567](#)Human

[SwissProt: Q96D53](#)Human

[SwissProt: Q566J8](#)Mouse

[SwissProt: Q6AY19](#)Rat

[Unigene: 130712](#)Human

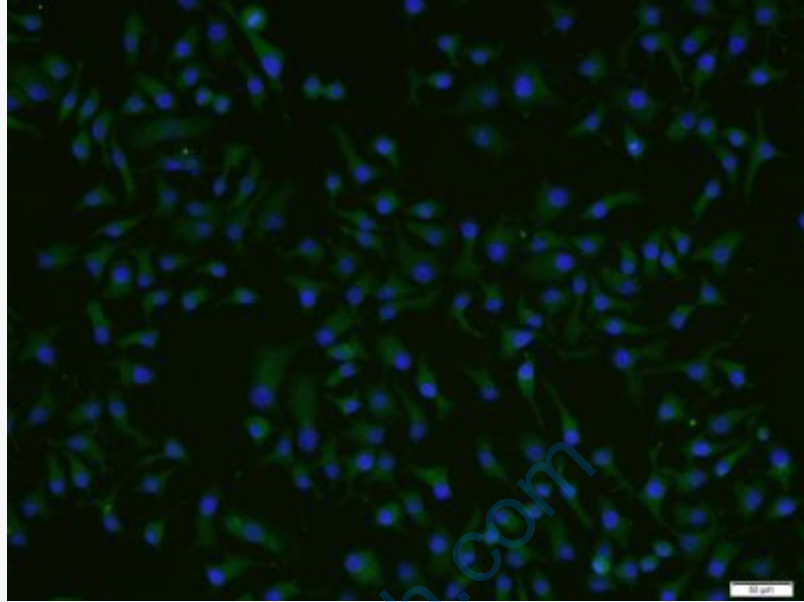
[Unigene: 124728](#)Mouse

[Unigene: 11549](#)Rat

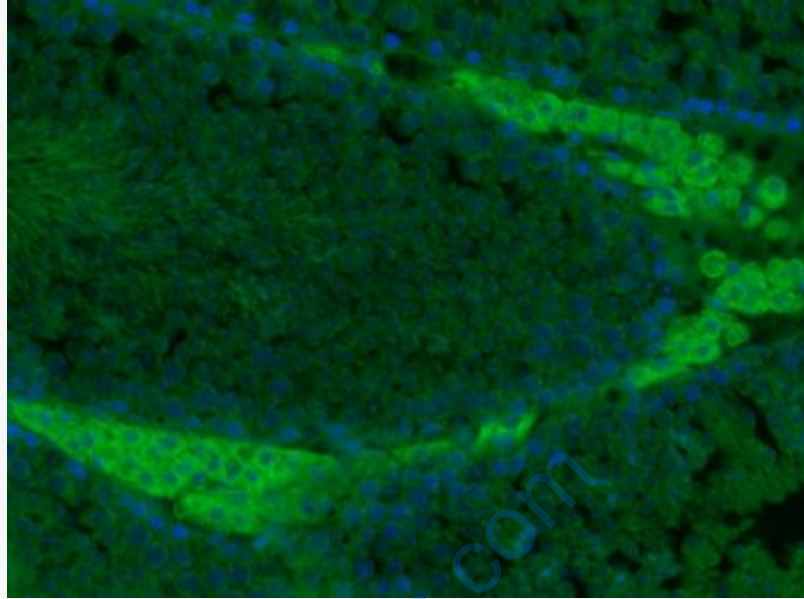
Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

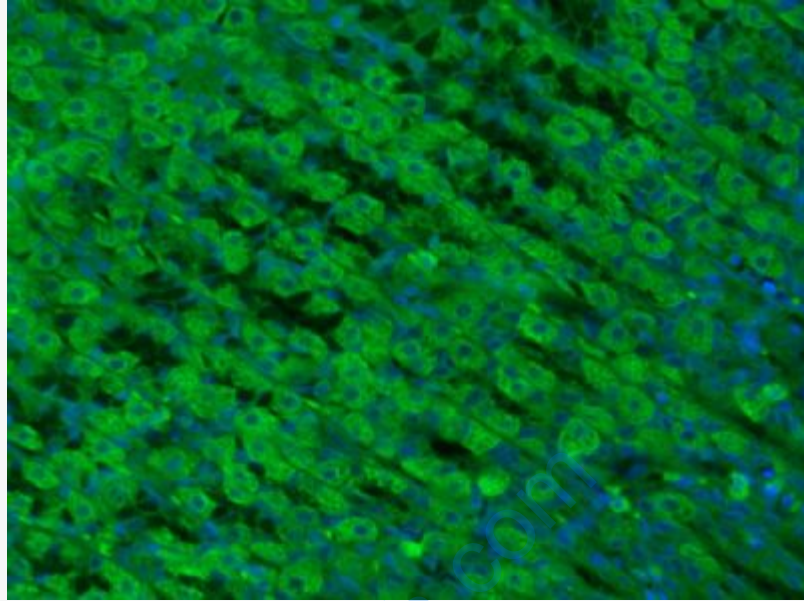
Picture:



Tissue/cell: HepG2 cell; 4% Paraformaldehyde-fixed; Triton X-100 at room temperature for 20 min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Antibody incubation with (ADCK4) Polyclonal Antibody, Unconjugated (SL8070R) 1:200, 90 minutes at 37°C; followed by a conjugated Goat Anti-Rabbit IgG antibody (SL8070R) at 37°C for 90 minutes, DAPI (5ug/ml, blue, C-0033) was used to stain the cell nuclei.



Paraformaldehyde-fixed, paraffin embedded (Mouse testis); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (ADCK4) Polyclonal Antibody, Unconjugated (SL8070R) at 1:400 overnight at 4°C, followed by a conjugated Goat Anti-Rabbit IgG antibody (SL8070R) for 90 minutes, and DAPI for nuclei staining.



Paraformaldehyde-fixed, paraffin embedded (Rat stomach); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (ADCK4) Polyclonal Antibody, Unconjugated (SL8070R) at 1:400 overnight at 4°C, followed by a conjugated Goat Anti-Rabbit IgG antibody (SL8070R) for 90 minutes, and DAPI for nuclei staining.