

Rabbit anti-Human, Mouse CERK Polyclonal Antibody | anti-CERK antibody

CERK Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA232438	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

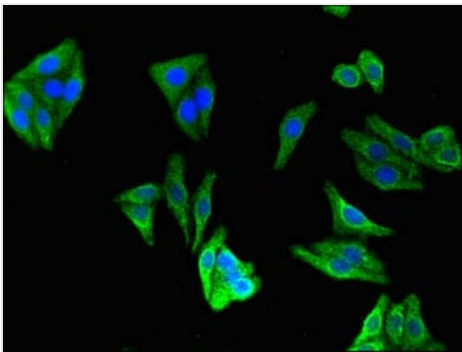
PRODUCT SYNONYMS

CERK; Polyclonal Antibody; CERK Antibody; Acylsphingosine kinase antibody; Ceramide kinase antibody; CerK antibody; CERK1_HUMAN antibody; dA59H18.2 antibody; dA59H18.3 antibody; hCERK antibody; KIAA1646 antibody; Lipid kinase 4 antibody; Lipid kinase LK4 antibody; LK4 antibody; anti-CERK antibody

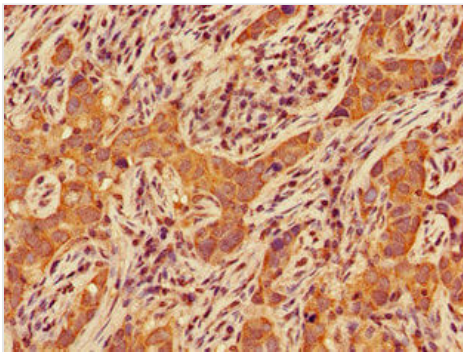
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	537
Applicable Applications for anti-CERK antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Ceramide kinase protein (212-478AA)
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Conjugation	Non-conjugated
Immunogen Species	Homo sapiens (Human)
Research Area	Cell Biology
Target Names	CERK
Preparation and Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

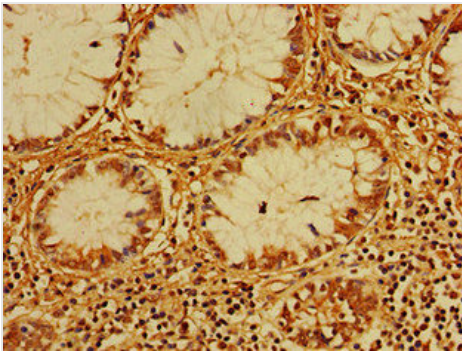
IMAGES



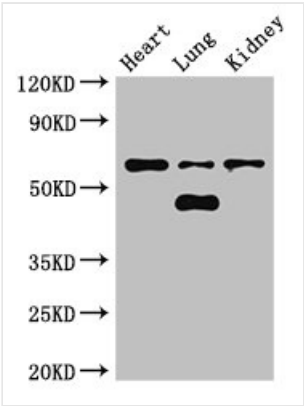
IF (Immunofluorescence)
Immunofluorescent analysis of HepG2 cells using AAA232438 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human pancreatic cancer using AAA232438 at dilution of 1:100



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human colon cancer using AAA232438 at dilution of 1:100



WB (Western Blot)
Western BlotPositive WB detected in: Mouse heart tissue,Mouse lung tissue,Mouse kidney tissueAll lanes: CERK antibody at 3ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 60,38 kDaObserved band size:60,48 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-CERK antibody	Catalyzes specifically the phosphorylation of ceramide to form ceramide 1-phosphate. Acts efficiently on natural and analog ceramides (C6, C8, C16 ceramides, and C8-dihydroceramide), to a lesser extent on C2-ceramide and C6-dihydroceramide, but not on other lipids, such as various sphingosines. Binds phosphoinositides.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	20336726
NCBI GeneID	64781
NCBI Accession #	NP_073603.2
NCBI GenBank Nucleotide #	NM_022766.5
UniProt Accession #	Q8TCT0; Q6NX59; Q9BYB3; Q9UGE5; A0JNT4; A8K611
NCBI Official Full Name	ceramide kinase
NCBI Official Synonym Full Names	ceramide kinase
NCBI Official Symbol	CERK
NCBI Official Synonym Symbols	LK4; hCERK; dA59H18.2; dA59H18.3
NCBI Protein Information	ceramide kinase

UniProt Protein Name	Ceramide kinase
UniProt Gene Name	CERK
UniProt Synonym Gene Names	KIAA1646; hCERK; LK4
UniProt Entry Name	CERK1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cerk-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/232438>