

Rabbit CERK Polyclonal Antibody | anti-CERK antibody

CERK Polyclonal Antibody

CATALOG # AAA167851	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, ELISA
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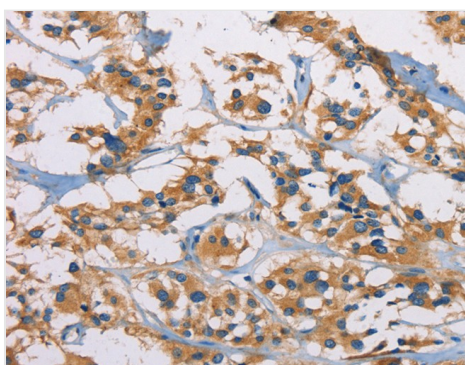
PRODUCT SYNONYMS

CERK; Polyclonal Antibody; CERK Polyclonal Antibody; LK4; hCERK; dA59H18.2; dA59H18.3; anti-CERK antibody

PRODUCT SPECIFICATIONS

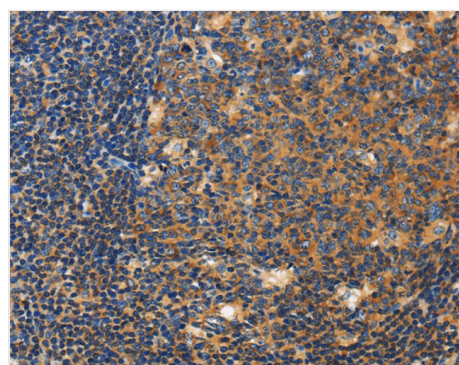
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	2.3mg/mL (varies by lot)
Sequence Length	537
Applicable Applications for anti-CERK antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant protein of human CERK
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using CERK Polyclonal Antibody at dilution 1:50



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human tonsil tissue using CERK Polyclonal Antibody at dilution 1:50

ADDITIONAL INFORMATION

Related Product Information for anti-CERK antibody	CERK converts ceramide to ceramide 1-phosphate (C1P), a sphingolipid metabolite. Both CERK and C1P have been implicated in various cellular processes, including proliferation, apoptosis, phagocytosis, and inflammation. 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.
Product Categories/Family for anti-CERK antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	20336726
NCBI GeneID	64781
NCBI Accession #	NP_073603.2
NCBI GenBank Nucleotide #	NM_022766.5
Molecular Weight	37,781 Da
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; acylsphingosine kinase; lipid kinase 4; lipid kinase LK4
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-immunohistochemistry-elisa/167851>