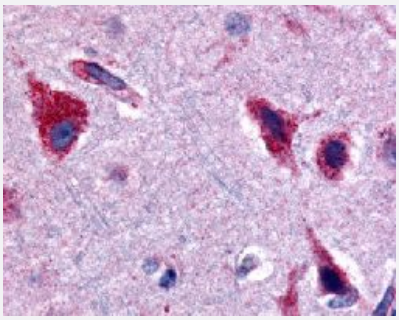
CERK polyclonal antibody

Catalog # PAB16373 Size 50 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical (Formalin/PFA-fixed paraffin-embedded sections) staining in human brain (cortex) with CERK polyclonal antibody (Cat # PAB16373).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of CERK.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to human CERK.
Host	Rabbit
Reactivity	Human, Monkey
Specificity	Internal domain of human.
Form	Liquid
Purification	Immunoaffinity purification
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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Gene Info — CERK

Entrez GeneID	64781
Protein Accession#	Q8TCT0
Gene Name	CERK
Gene Alias	DKFZp434E0211, FLJ21430, FLJ23239, KIAA1646, LK4, MGC131878, dA59H18.2, dA59H18.3, hCERK
Gene Description	ceramide kinase
Omim ID	610307
Gene Ontology	Hyperlink
Gene Summary	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 (Kim et al., 2006 [PubMed 16488390]).[supplied by OMIM
Other Designations	OTTHUMP00000028554|lipid kinase LK4

Pathway

- Sphingolipid metabolism

Disease

- Kidney Failure