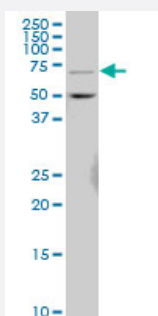


CERK polyclonal antibody (A01)

Catalog # H00064781-A01

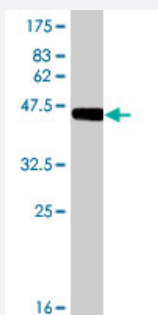
Size 50 uL

Applications



Western Blot (Cell lysate)

CERK polyclonal antibody (A01), Lot # ABNOVA060329QCS1 Western Blot analysis of CERK expression in IMR-32 (Cat # L008V1).



Western Blot detection against Immunogen (48.22 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a full-length recombinant CERK.
Immunogen	CERK (AAH04278, 1 a.a. ~ 201 a.a) full-length recombinant protein with GST tag.
Sequence	MQRGPASGDPREGPPRQRREGCWGLHTCLITAARLRQSGWEHDLGVCSGSTDDKLWKLAVCK ALASLLLLKCQIPMLYIDAKCLTQPLGAVRRKLAIRGGGAGPLPQDSSEAGPEVCTRGPDLALS FLHTEFSIFIEHLVLLSQSSVNCVSDVCLLPRSHDGLVSSAARGLRPPEDSSRKAFLPRSPGHP SIVYYVLV
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (100); Rat (100)
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Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (48.22 KDa) .
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Storage Buffer	50 % glycerol
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Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
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Applications

- Western Blot (Cell lysate)

CERK polyclonal antibody (A01), Lot # ABNOVA060329QCS1 Western Blot analysis of CERK expression in IMR-32 (Cat # L008V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — CERK

Entrez GeneID	64781
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GeneBank Accession#	BC004278
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Protein Accession#	AAH04278
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Gene Name	CERK
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Gene Alias	DKFZp434E0211, FLJ21430, FLJ23239, KIAA1646, LK4, MGC131878, dA59H18.2, dA59H18.3, hCERK
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Gene Description	ceramide kinase
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Omim ID	610307
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Gene Ontology	Hyperlink
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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](#)