

产品名称: CERKL Rabbit Polyclonal Antibody
产品货号: APRab08684



产品概述 (Summary)

产品名称 (Production Name)	CERKL Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Rat,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	CERKL
别名 (Alternative Names)	CERKL; Ceramide kinase-like protein
基因 ID (Gene ID)	375298.0
蛋白 ID (SwissProt ID)	Q49MI3.The antiserum was produced against synthesized peptide derived from human CERKL. AA range:341-390

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	63kDa

研究背景 (Background)

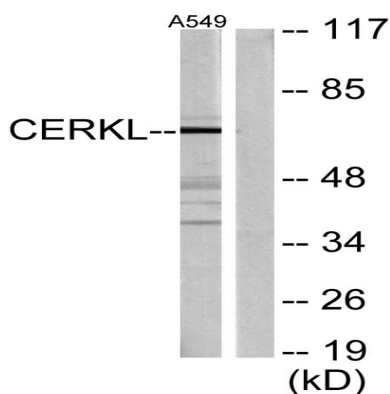
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This gene was initially identified as a locus (RP26) associated with an autosomal recessive form of retinitis pigmentosa (arRP) disease. This gene encodes a protein with ceramide kinase-like domains, however, the protein does not phosphorylate ceramide and its target substrate is currently unknown. This protein may be a negative regulator of apoptosis in photoreceptor cells. Mutations in this gene cause a form of retinitis pigmentosa characterized by autosomal recessive cone and rod dystrophy (arCRD). Alternative splicing of this gene results in multiple transcript variants encoding different isoforms and non-coding transcripts.[provided by RefSeq, May 2010],developmental stage:Expressed in fetal lung, kidney and brain.,disease:Defects in CERKL are the cause of retinitis pigmentosa type 26 (RP26) [MIM:608380]. RP leads to degeneration of retinal photoreceptor cells. Patients typically have night vision blindness and loss of midperipheral visual field. As their condition progresses, they lose their far peripheral visual field and eventually central vision as well. RP26 inheritance is autosomal recessive.,function:Has no detectable ceramide-kinase activity.,PTM:Phosphorylated on serine residues.,sequence caution:Wrong choice of CDS.,similarity:Contains 1 DAGKc domain.,subcellular location:Enriched in nucleoli. May shuttle between nucleus and cytoplasm. Isoform 5 is not enriched in the nucleoli.,tissue specificity:Moderately expressed in retina, kidney, lung, testis, trachea, and pancreas. Weakly expressed in brain, placenta and liver.,

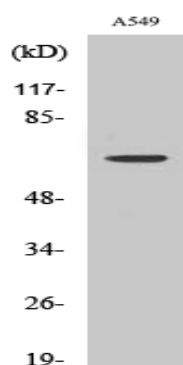
研究领域 (Research Area)

图片 (Image Data)

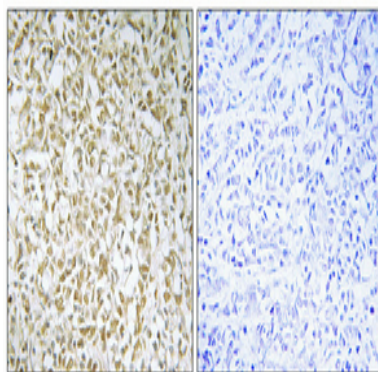


Western blot analysis of lysates from A549 cells, using CERKL Antibody. The lane on the right is blocked with the synthesized peptide.

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Western Blot analysis of various cells using CERKL Polyclonal Antibody



Immunohistochemical analysis of paraffin-embedded Human breast cancer. Antibody was diluted at 1:100 (4°,overnight) .
High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative contrl (right) obtaned from
antibody was pre-absorbed by immunogen peptide.

注意事项 (Note)

For research use only .