BT LAB
Bioassay Technology
Laboratory
Optimize Your Research

CERKL Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP01713
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human CERKL. AA range:341-390
Mol wt	62622
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	CERKL Antibody
Synonyms	CERKL; Ceramide kinase-like protein

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

CERKL was initially identified as a locus (RP26) associated with an autosomal recessive form of retinitis pigmentosa (arRP) disease. CERKL encodes a protein (ceramide kinase like) 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.
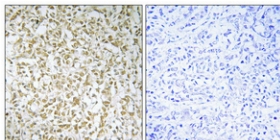
Recommended Dilution
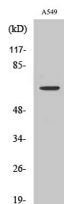
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

ELISA: 1: 20000

Not yet tested in other applications.

Images

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. Negetive contrl (right) obtaned from antibody was pre-absorbed by immunogen peptide.

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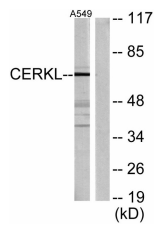
Western blot analysis of lysates from A549 cells, using CERKL Antibody. The lane on the right is blocked with the synthesized peptide.

Storage

-20°C for one year