

Datasheet for ABIN2788233
anti-CERKL antibody (N-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	CERKL
Binding Specificity:	N-Term
Reactivity:	Human, Rabbit, Horse, Dog, Guinea Pig, Rat, Cow, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CERKL antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human CERKL
Sequence:	TLDLINLSED HCDIWFRQFK KILAGFPNRP KSLKILLNPQ SHKKEATQVY
Predicted Reactivity:	Cow: 100%, Dog: 93%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Pig: 100%, Rabbit: 93%, Rat: 79%
Characteristics:	This is a rabbit polyclonal antibody against CERKL. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	CERKL
Alternative Name:	CERKL (CERKL Products)

Target Details

Background:	<p>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.</p> <p>Alias Symbols: RP26</p> <p>Protein Size: 532</p>
Molecular Weight:	59 kDa
Gene ID:	375298
NCBI Accession:	NM_201548 , NP_963842
UniProt:	Q49MI3

Application Details

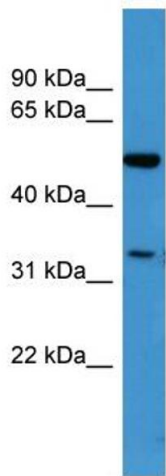
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 532 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

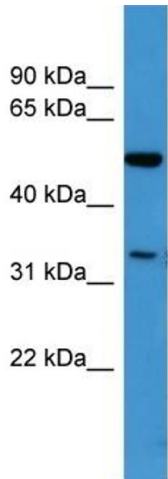
aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-CERKL Antibody Titration:
0.2-1 ug/ml
ELISA Titer: 1:312500
Positive Control: ACHN cell lysate



Rabbit Anti-CERKL Antibody
Catalog Number: ARP59828
Lot Number: QC30759
Lane: ACHN Cell Lysate

Antibody Titration: 1.0µg/ml
Gel Concentration: 12%

Western Blotting

Image 2. WB Suggested Anti-CERKL
Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:12500
Positive Control: ACHN cell lysate