

Datasheet for ABIN2788232
anti-CERKL antibody (C-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	CERKL
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rabbit, Horse, Dog, Guinea Pig, Rat, Saccharomyces cerevisiae, Zebrafish (Danio rerio)
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 C terminal region of human CERKL
Sequence:	ASVKNQFNFP FVETYTVEEV KVHPRNNTGG YNPEEEEDET ASENCFPWNV
Predicted Reactivity:	Dog: 90%, Guinea Pig: 79%, Horse: 79%, Human: 100%, Mouse: 79%, Rabbit: 81%, Rat: 79%, Yeast: 89%, Zebrafish: 79%
Characteristics:	This is a rabbit polyclonal antibody against CERKL. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	CERKL
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Target Details

Alternative Name:	CERKL (CERKL Products)
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: 463</p>
Molecular Weight:	51 kDa
Gene ID:	375298
NCBI Accession:	NM_001030313 , NP_001025484
UniProt:	Q49MI3

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 463 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

Handling

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



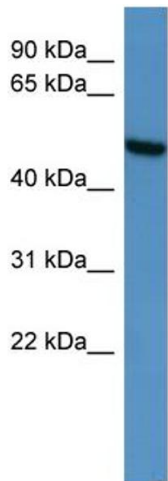
Western Blotting

Image 1. WB Suggested Anti-CERKL Antibody Titration:

0.2-1 ug/ml

ELISA Titer: 1:62500

Positive Control: Human heart



Rabbit Anti-CERKL Antibody
Catalog Number: ARP59827
Lot Number: QC30758
Lane: Fetal Heart 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::2500

Positive Control: Human heart