

Datasheet for ABIN2787610  
**anti-ACD antibody (C-Term)**



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1 Image

## Overview

Quantity:	100 µL
Target:	ACD
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACD 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 ACD
Sequence:	SSQPSAICS APATLTPRSP HASRTPSSPL QSCTPSLSPR SHVPSPHQAL
Predicted Reactivity:	Human: 100%
Characteristics:	This is a rabbit polyclonal antibody against ACD. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	ACD
Alternative Name:	ACD ( <a href="#">ACD Products</a> )

## Target Details

Background:	<p>ACD is a protein that is involved in telomere function. This protein is one of six core proteins in the telosome/shelterin telomeric complex, which functions to maintain telomere length and to protect telomere ends. Through its interaction with other components, this protein plays a key role in the assembly and stabilization of this complex, and it mediates the access of telomerase to the telomere. This gene encodes a protein that is involved in telomere function. This protein is one of six core proteins in the telosome/shelterin telomeric complex, which functions to maintain telomere length and to protect telomere ends. Through its interaction with other components, this protein plays a key role in the assembly and stabilization of this complex, and it mediates the access of telomerase to the telomere. Multiple transcript variants encoding different isoforms have been found for this gene. This gene, which is also referred to as TPP1, is distinct from the unrelated TPP1 gene on chromosome 11, which encodes tripeptidyl-peptidase I.</p> <p>Alias Symbols: PIP1, PTOP, TINT1, TPP1</p> <p>Protein Interaction Partner: TINF2, ANXA8L1, POT1, USP7, CUL5, ZNF790, PAGE2, APOBEC3F, NUDCD2, LRRC25, TRIM15, AFAP1L2, TBC1D10A, PDLIM2, RBKS, ANKMY2, PGM2, SBDS, LGALSL, DBNL, AIPL1, NCDN, STIP1, TOMM34, NUDC, TRIM16, TUBB4B, STUB1, FAM131B, BAG3, RECQL4, EIF3G, FKBP6, YWHAE, TUBB</p> <p>Protein Size: 544</p>
Molecular Weight:	58 kDa
Gene ID:	65057
NCBI Accession:	<a href="#">NM_001082486</a> , <a href="#">NP_001075955</a>
UniProt:	<a href="#">Q96AP0</a>
Pathways:	<a href="#">Telomere Maintenance</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 544 AA
Restrictions:	For Research Use only

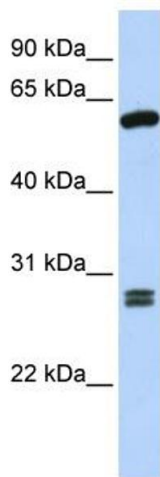
## Handling

Format:	Liquid
Concentration:	Lot specific

## Handling

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-ACD Antibody Titration:** 0.2-1 ug/ml

**ELISA Titer:** 1:62500

**Positive Control:** Human brain