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## anti-ACD antibody (Middle Region)

2 Images



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#### Overview

Quantity:	100 μL
Target:	ACD
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse
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 middle region of human ACD
Sequence:	KNRPPFPRTG ATRGAQEPCS VWEPPKRHRD GSAFQYEYEP PCTSLCARVQ
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 85%, Rat: 93%
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 (ACD Products)

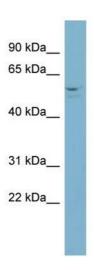
## Target Details

Background:	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 comp
	Alias Symbols: PIP1, PTOP, TINT1, TPP1
	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
	Protein Size: 544
Molecular Weight:	58 kDa
Gene ID:	65057
NCBI Accession:	NM_001082486, NP_001075955
UniProt:	Q96AP0
Pathways:	Telomere Maintenance
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
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 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.

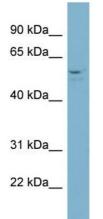
### **Images**



### **Western Blotting**

Image 1. WB Suggested Anti-ACD Antibody Titration: 0.2-1 ug/ml

Positive Control: NCI-H226 cell lysate



Rabbit Anti-ACD Antibody Catalog Number: ARP58253 Lot Number: QC24176 Lane: NCI-H226 Cell Lysate

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

### **Western Blotting**

Image 2. WB Suggested Anti-ACD

Antibody Titration: 0.2-1 µg/mL

Positive Control: NCI-H226 cell lysate