

A12177

Leader in Biomolecular Solutions for Life Science



ACD Rabbit pAb

Catalog No.: A12177

Basic Information

Observed MW

58kDa

Calculated MW

49kDa

Category

Polyclonal Antibody

Applications

WB,ELISA

Cross-Reactivity

Human

Background

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.

Recommended Dilutions

WB 1:500 - 1:1000

Immunogen Information

Gene ID

65057

Swiss Prot

Q96AP0

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-220 of human ACD (NP_001075955.1).

Synonyms

PIP1; PTOP; TPP1; TINT1; ACD

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

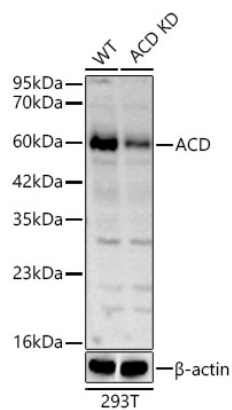
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of lysates from wild type (WT) and ACD knockdown (KD) 293T(KD) cells, using ACD Rabbit pAb (A12177) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 60s.