

## Product datasheet for **TA372348**

### PTOP (ACD) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 500-2000 WB positive control: HEPG2 cell lysate
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human ACD
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	58 kDa
Gene Name:	adrenocortical dysplasia homolog
Database Link:	<a href="#">Entrez Gene 65057 Human Q96AP0</a>

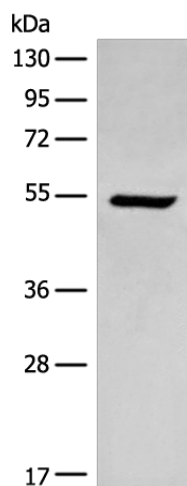
**Background:** This gene encodes a protein that is involved in telomere function. This protein is one of six core proteins in the telosome/shelterin telomeric complex, which functions to maintain telomere length and to protect telomere ends. Through its interaction with other components, this protein 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.

**Synonyms:** Pip1; PTOP; Tint1; TPP1



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## Product images:



Gel: 8%SDS-PAGE  
Lysate: 40  $\mu$ g  
Lane: HEPG2 cell lysate  
Primary antibody: TA372348 (ACD Antibody) at dilution 1/400  
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution  
Exposure time: 60 seconds