

anti- ACD antibody

Product Information

Catalog No.:	FNab00078
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

Component of the shelterin complex (telosome) that is involved in the regulation of telomere length and protection. Shelterin associates with arrays of double-stranded TTAGGG repeats added by telomerase and protects chromosome ends. Without its protective activity, telomeres are no longer hidden from the DNA damage surveillance and chromosome ends are inappropriately processed by DNA repair pathways. Promotes binding of POT1 to single-stranded telomeric DNA. Modulates the inhibitory effects of POT1 on telomere elongation. The ACD-POT1 heterodimer enhances telomere elongation by recruiting telomerase to telomeres and increasing its processivity. May play a role in organogenesis.

Immunogen information

Immunogen:	adrenocortical dysplasia homolog(Mouse)
Synonyms:	ACD, PIP1, PTOP, TINT1, TPP1
Observed MW:	58 kDa
UniprotID :	Q96AP0

Application

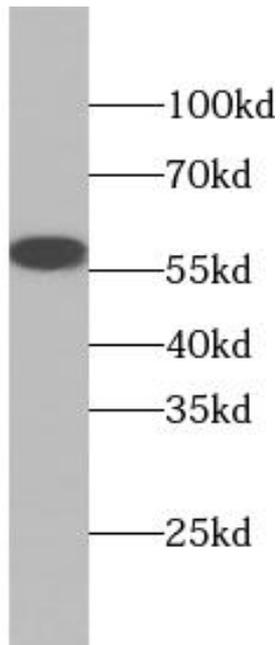
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Reactivity: Human
Tested Application: ELISA, WB
Recommended dilution: WB: 1:500-1:5000
Image:



Jurkat cells were subjected to SDS PAGE followed by western blot with FNab00078(ACD Antibody) at dilution of 1:1500

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