Datasheet for ABIN7143547

## anti-ACD antibody (AA 328-497) (Biotin)

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Quantity:	100 µg
Target:	ACD
Binding Specificity:	AA 328-497
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACD antibody is conjugated to Biotin
Application:	ELISA

## Product Details

Immunogen:	Recombinant Human Adrenocortical dysplasia protein homolog protein (328-497AA)
lsotype:	lgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	ACD
Alternative Name:	ACD (ACD Products)
Background:	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

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	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.
	Aliases: Acd antibody, ACD_HUMAN antibody, Adrenocortical dysplasia homolog antibody,
	Adrenocortical dysplasia protein homolog antibody, PIP1 antibody, POT1 and TIN2 organizing
	protein antibody, POT1 and TIN2-interacting protein antibody, TIN2 interacting protein 1
	antibody, TINT1 antibody, TPP1 antibody
UniProt:	Q96AP0
Pathways:	Telomere Maintenance
Application Details	
Application Details Application Notes:	Optimal working dilution should be determined by the investigator.
	Optimal working dilution should be determined by the investigator. For Research Use only
Application Notes:	
Application Notes: Restrictions:	
Application Notes: Restrictions: Handling	For Research Use only
Application Notes: Restrictions: Handling Format:	For Research Use only Liquid
Application Notes: Restrictions: Handling Format:	For Research Use only Liquid Preservative: 0.03 % Proclin 300
Application Notes: Restrictions: Handling Format: Buffer:	For Research Use only         Liquid         Preservative: 0.03 % Proclin 300         Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
Application Notes:         Restrictions:         Handling         Format:         Buffer:         Preservative:	For Research Use only         Liquid         Preservative: 0.03 % Proclin 300         Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4         ProClin
Application Notes:         Restrictions:         Handling         Format:         Buffer:         Preservative:	For Research Use only         Liquid         Preservative: 0.03 % Proclin 300         Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4         ProClin         This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be