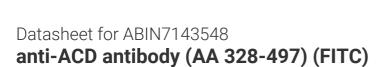
# antibodies .- online.com







# Overview

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

# **Product Details**

Immunogen:	Recombinant Human Adrenocortical dysplasia protein homolog protein (328-497AA)
Isotype:	IgG
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

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.

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**

Restrictions:

For Research Use only

# Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.