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Datasheet for ABIN7164693 anti-PDCD4 antibody (AA 1-260)

2 Images



Overview

Quantity:	100 µL
Target:	PDCD4
Binding Specificity:	AA 1-260
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PDCD4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunoprecipitation (IP)

Product Details

Immunogen:	Recombinant Human Programmed cell death protein 4 protein (1-260AA)
lsotype:	lgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

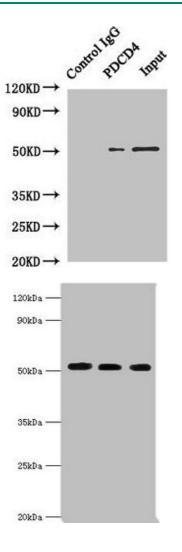
Target:	PDCD4
Alternative Name:	PDCD4 (PDCD4 Products)
Background:	Background: Inhibits translation initiation and cap-dependent translation. May excert its
	function by hindering the interaction between EIF4A1 and EIF4G. Inhibits the helicase activity of

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	EIF4A. Modulates the activation of JUN kinase. Down-regulates the expression of MAP4K1,
	thus inhibiting events important in driving invasion, namely, MAPK85 activation and consequent
	JUN-dependent transcription. May play a role in apoptosis. Tumor suppressor. Inhibits tumor
	promoter-induced neoplastic transformation. Binds RNA .
	Aliases: Death up-regulated gene protein antibody, Dug antibody, H731 antibody, Ma3 antibody,
	MGC33046 antibody, MGC33047 antibody, Neoplastic transformation inhibitor antibody,
	Neoplastic transformation inhibitor protein antibody, Nuclear antigen H731 antibody, Nuclear
	antigen H731 like antibody, Nuclear antigen H731 like protein antibody, Nuclear antigen H731-
	like antibody, PDCD 4 antibody, Pdcd4 antibody, PDCD4_HUMAN antibody, Programmed cell
	death 4 antibody, programmed cell death 4 (neoplastic transformation inhibitor) antibody,
	Programmed cell death protein 4 antibody, Protein 197/15a antibody, Protein MA-3 antibody,
	Tis antibody, Topoisomerase-inhibitor suppressed protein antibody
UniProt:	Q53EL6

Application Notes:	Recommended dilution: WB:1:1000-1:5000, IP:1:200-1:2000,
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: 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.

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Western Blotting

Image 1. Immunoprecipitating PDCD4 in Hela whole cell lysate Lane 1: Rabbit control IgG instead of (1 μ g) instead of ABIN7164693 in Hela whole cell lysate. For western blotting, a HRP-conjugated anti-rabbit IgG, specific to the nonreduced form of IgG was used as the Secondary antibody (1/50000) Lane 2: ABIN7164693 (4 μ g) + Hela whole cell lysate (500 μ g) Lane 3: Hela whole cell lysate (20 μ g)

Western Blotting

Image 2. Western blot All lanes: Programmed cell death protein 4 antibody at 5 µg/mL Lane 1: Hela whole cell lysate Lane 2: MCF-7 whole cell lysate Lane 3: Jurkat whole cell lysate Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 52, 51 kDa Observed band size: 52 kDa

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