

Rabbit anti-Human Programmed cell death protein 4 Polyclonal Antibody | anti-PDCD4 antibody

Rabbit anti-human Programmed cell death protein 4 polyclonal Antibody(PDCD4)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA118705	Rabbit	Human	Immunoprecipitation, Western Blot, ELISA

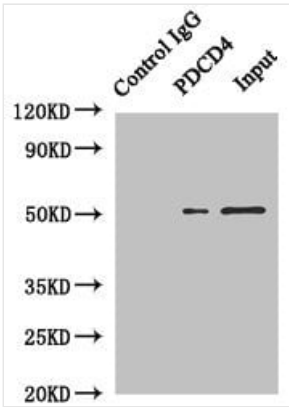
PRODUCT SYNONYMS

Programmed cell death protein 4; Polyclonal Antibody; Rabbit anti-human Programmed cell death protein 4 polyclonal Antibody(PDCD4); Neoplastic transformation inhibitor protein; Nuclear antigen H731-like; Protein 197/15a; PDCD4; H731; anti-PDCD4 antibody

PRODUCT SPECIFICATIONS

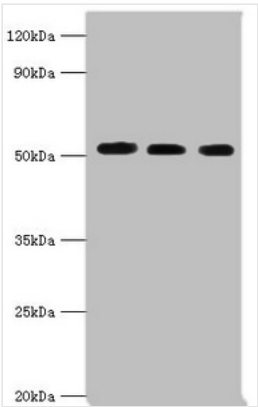
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Sequence Length	469
Applicable Applications for anti-PDCD4 antibody	IP (Immunoprecipitation), WB (Western Blot), ELISA
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Conjugate	Non-conjugated
Immunogen	Recombinant human Programmed cell death protein 4 protein (1-260aa)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-27122 / sc-27123 / sc-292504
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IP (Immunoprecipitation)

Immunoprecipitating PDCD4 in Hela whole cell lysate Lane 1: Rabbit monoclonal IgG(1ug)instead of AAA118705 in Hela whole cell lysate. For western blotting, a HRP-conjugated anti-rabbit IgG, specific to the non-reduced form of IgG was used as the Secondary antibody (1/50000) Lane 2: AAA118705(4ug)+ Hela whole cell lysate(500ug) Lane 3: Hela whole cell lysate (20ug)



WB (Western Blot)

Western blot All lanes: Programmed cell death protein 4 antibody at 5ug/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 at 1/10000 dilution Predicted band size: 52,51 kDa Observed band size: 52 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-PDCD4 antibody

Inhibits translation initiation and cap-dependent translation. May exert its function by hindering the interaction between EIF4A1 and EIF4G. Inhibits the helicase activity of 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	21735596
NCBI GeneID	27250
NCBI Accession #	NP_055271.2
NCBI GenBank Nucleotide #	NM_014456.4
UniProt Accession #	Q53EL6; O15501; Q5VZS6; Q6PJI5; Q8TAR5; Q99834; B2RCV4; B5ME91
Molecular Weight	50,576 Da
NCBI Official Full Name	programmed cell death protein 4 isoform 1
NCBI Official Synonym Full Names	programmed cell death 4 (neoplastic transformation inhibitor)
NCBI Official Symbol	PDCD4
NCBI Official Synonym Symbols	H731
NCBI Protein Information	programmed cell death protein 4
UniProt Protein Name	Programmed cell death protein 4
UniProt Gene Name	PDCD4
UniProt Synonym Gene Names	H731
UniProt Entry Name	PDCD4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

