

## PDCD4 Antibody

Catalog No: #35873

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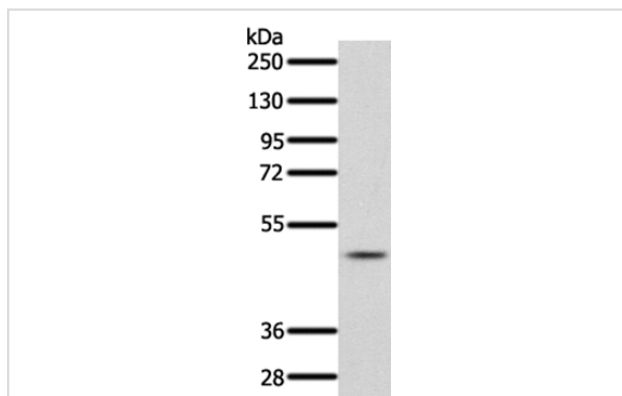
## Description

Product Name	PDCD4 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total PDCD4 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to residues near the C terminal of human programmed cell death 4 (neoplastic transformation inhibitor)
Target Name	PDCD4
Other Names	H73
Accession No.	Swiss-Prot#: Q53EL6NCBI Gene ID: 27250Gene Accssion: BC026104
Uniprot	Q53EL6
GeneID	27250;
SDS-PAGE MW	52kd
Concentration	0.7mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20°C

## Application Details

Western blotting: 1:200-1:1000

## Images



Gel: 10%SDS-PAGE  
 Lysate: 60ug K562 cell  
 Primary antibody: 1/300 dilution  
 Secondary antibody dilution: 1/8000  
 Exposure time: 10 minutes

## Background

This gene is a tumor suppressor and encodes a protein that binds to the eukaryotic translation initiation factor 4A1 and inhibits its function by

preventing RNA binding. Alternative splicing results in multiple transcript variants. 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.

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Note: This product is for in vitro research use only