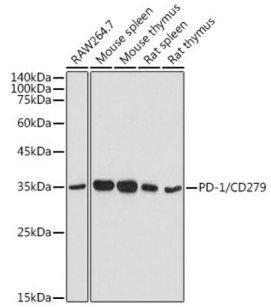
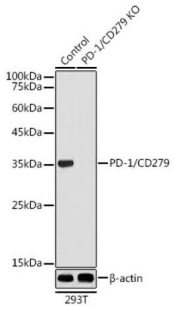
Programmed Cell Death Protein 1 (PDCD1) Antibody

Catalogue No.:abx004272



Western blot analysis of extracts of various cell lines using PD-1/CD279 Antibody (1/500 dilution).



Western blot analysis of extracts from normal (control) and PD-1/CD279 knockout (KO) 293T cells using PD-1/CD279 Antibody (1/500 dilution).

PDCD1 Antibody is a Rabbit Polyclonal antibody against PDCD1. This gene encodes a cell surface membrane protein of the immunoglobulin superfamily. This protein is expressed in pro-B-cells and is thought to play a role in their differentiation. In mice, expression of this gene is induced in the thymus when anti-CD3 antibodies are injected and large numbers of thymocytes undergo apoptosis. Mice deficient for this gene bred on a BALB/c background developed dilated cardiomyopathy and died from congestive heart failure. These studies suggest that this gene product may also be important in T cell function and contribute to the prevention of autoimmune diseases.

Target:	Programmed Cell Death Protein 1 (PDCD1)
Clonality:	Polyclonal
Reactivity:	Human, Mouse, Rat
Tested Applications:	WB
Host:	Rabbit
Recommended dilutions:	WB: 1/500 - 1/2000. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Recombinant fusion protein corresponding to human PD-1/CD279
Isotype:	IgG

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Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q15116 (UniProt, ExPASy)
Gene Symbol:	PDCD1
GeneID:	5133
OMIM:	600244
NCBI Accession:	NP_005009.2
KEGG:	hsa:5133
String:	9606.ENSP00000335062
Molecular Weight:	Calculated MW: 31 kDa Observed MW: 35 kDa
Buffer:	PBS, pH 7.3, containing 0.05% Proclin-300, 50% glycerol.
Concentration:	1 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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