## **PDCD4 Polyclonal Antibody**

catalog number: E-AB-40340



Note: Centrifuge before opening to ensure complete recovery of vial contents.

### Description

Reactivity Human; Mouse; Rat

Immunogen Recombinant Human Programmed cell death protein 4 protein

Host Rabbit
Isotype IgG

**Purification** Antigen Affinity Purification

**Conjugation** Unconjugated

buffer PBS with 0.05% proclin 300, 1% protective protein and 50% glycerol,pH7.4

Applications	Recommended Dilution

**WB** 1:500-1:1000 **IHC** 1:100-1:300

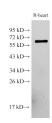
#### Data



95 kD→
72 kD→
55 kD→
43 kD→
34 kD→
26 kD→

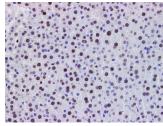
Western Blot analysis of HepG2 cells using PDCD4 Polyclonal Antibody at dilution of 1:500

> Observed-MV:56 kDa Calculated-MV:50,51 kDa



Western Blot analysis of Rat thymus cells using PDCD4 Polyclonal Antibody at dilution of 1:500

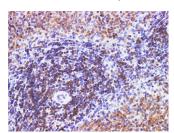
> Observed-MV:56 kDa Calculated-MV:50,51 kDa



Immunohistochemistry of paraffin-embedded Mouse liver using PDCD4 Polyclonal Antibody at dilution of 1:200

Western Blot analysis of Rat heart cells using PDCD4 Polyclonal Antibody at dilution of 1:500

> Observed-MV:56 kDa Calculated-MV:50,51 kDa



Immunohistochemistry of paraffin-embedded Rat spleen using PDCD4 Polyclonal Antibody at dilution of 1:200

Preparation & Storage

#### For Research Use Only

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Storage Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

**Shipping** The product is shipped with ice pack, upon receipt, store it immediately at the

temperature recommended.

## Background

Programmed cell death 4 (Pdcd4) is a novel tumor suppressor that inhibits translation, progression and invasion. It was first identified as being differnetially upregulated during apoptosis. Pdcd4 interferes with the activity of the eukaryotic initiation factor (eIF) 4A by displacing the scaffold protein eIF4G from its binding to the RNA helicase eIF4A.