# [KO Validated] PDCD4 Rabbit pAb

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**ABclonal** 

Catalog No.: A2570 KO Validated 3 Publications

## **Basic Information**

### **Observed MW**

60kDa

### **Calculated MW**

52kDa

### Category

Primary antibody

### **Applications**

WB,IHC-P,ELISA

#### **Cross-Reactivity**

Human, Mouse

# **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.

# **Recommended Dilutions**

1:500 - 1:1000 **WB** 

1:50 - 1:200 **IHC-P** 

Recommended starting **ELISA** concentration is 1 µg/mL.

Please optimize the concentration based on your specific assay requirements.

# **Immunogen Information**

**Gene ID Swiss Prot** 27250 Q53EL6

#### **Immunogen**

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

# **Synonyms**

H731; D4

# **Contact**

<u>a</u>		400-999-6126
$\bowtie$		cn.market@abclonal.com.cn
$\overline{\mathfrak{S}}$	Т	www.abclonal.com.cn

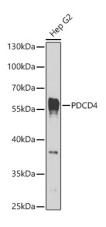
## **Product Information**

**Purification Source** Isotype Rabbit IgG Affinity purification

#### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.



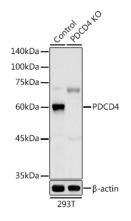
Western blot analysis of lysates from Hep G2 cells using PDCD4 Rabbit pAb (A2570) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25 µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 30s.



Western blot analysis of lysates from wild type (WT) and PDCD4 knockout (KO) 293T cells, using [KO Validated] PDCD4 Rabbit pAb (A2570) at 1:1000 dilution.

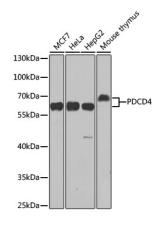
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 180s.



Western blot analysis of various lysates using [KO Validated] PDCD4 Rabbit pAb (A2570) at 1:1000 dilution.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

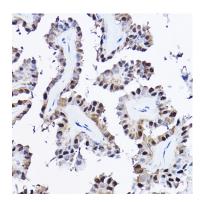
Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

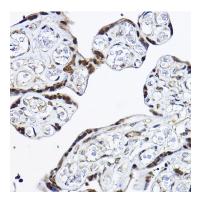
Detection: ECL Enhanced Kit (RM00021).

Exposure time: 90s.

# **Validation Data**



Immunohistochemistry analysis of paraffinembedded Human thyroid cancer using [KO Validated] PDCD4 Rabbit pAb (A2570) at dilution of 1:20 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffinembedded Human placenta using [KO Validated] PDCD4 Rabbit pAb (A2570) at dilution of 1:20 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.