

For Research Use Only

# PDCD2 Polyclonal antibody

Catalog Number: 10725-1-AP

Featured Product

9 Publications



## Basic Information

**Catalog Number:**

10725-1-AP

**Size:**

150ul, Concentration: 600 ug/ml by Nanodrop and 373 ug/ml by Bradford method using BSA as the standard;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG1139

**GenBank Accession Number:**

BC008378

**GeneID (NCBI):**

5134

**UNIPROT ID:**

Q16342

**Full Name:**

programmed cell death 2

**Calculated MW:**

39 kDa

**Observed MW:**

37-39 kDa, 45 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:1000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:20-1:200

## Applications

**Tested Applications:**

WB, IP, IHC, ELISA

**Cited Applications:**

WB, IHC

**Species Specificity:**

human, mouse, zebrafish

**Cited Species:**

human, mouse, rat, zebrafish

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

**Positive Controls:**

WB : HeLa cells, H7ES cells, mouse liver tissue

IP : HeLa cells,

IHC : human ovary tumor tissue,

## Background Information

Programmed Cell Death 2 (PDCD2) is widely expressed in embryonic and adult tissues but with undefined function yet. Recent observation uncovered its role in hematopoietic stem cell differentiation during development. Catalog# 10725-1-AP is a rabbit polyclonal antibody raised against full-length PDCD2 of human origin.

## Notable Publications

| Author     | Pubmed ID | Journal             | Application |
|------------|-----------|---------------------|-------------|
| Yanming Li | 27734462  | Br J Haematol       |             |
| Hua Liao   | 21873567  | Mol Cell Proteomics | WB          |
| Zhao Cui   | 35809766  | Pharmacol Res       |             |

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

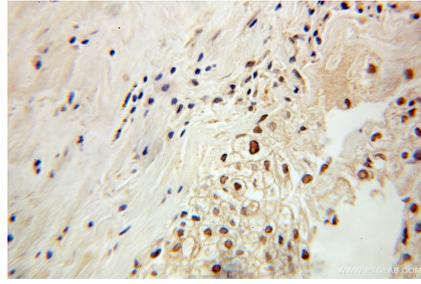
E: proteintech@ptglab.com  
W: ptglab.com

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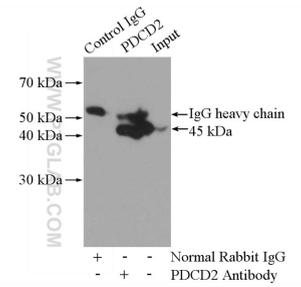
## Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 10725-1-AP (PDCD2 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human ovary tumor using 10725-1-AP (PDCD2 antibody) at dilution of 1:100 (under 10x lens).



IP result of anti-PDCD2 (IP:10725-1-AP, 4ug; Detection:10725-1-AP 1:500) with HeLa cells lysate 2800ug.