

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

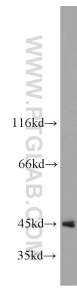
For technical support and original validation data for this product please contact:

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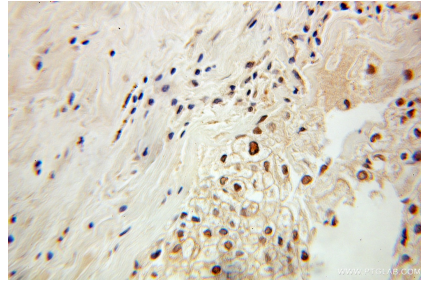
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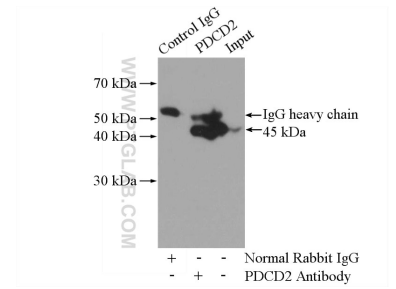
## Selected Validation Data



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.