

For Research Use Only

# DAD1 Polyclonal antibody

Catalog Number: 10531-1-AP



## Basic Information

### Catalog Number:

10531-1-AP

### Size:

2000 ug/ml

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG0814

### GenBank Accession Number:

BC007403

### GeneID (NCBI):

1603

### UNIPROT ID:

P61803

### Full Name:

defender against cell death 1

### Calculated MW:

12 kDa

### Observed MW:

16-20 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:1000-1:4000

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

IHC 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

### Species Specificity:

human

**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 : HEK-293 cells, HepG2 cells

IP : HepG2 cells,

IHC : human liver cancer tissue,

## Background Information

DAD1 (defender against cell death 1) is a downstream target of the NFkB survival pathway and exhibits an antiapoptotic function. It is also named as OST2 (Oligosaccharyl transferase2) and catalyzes the transfer of a high mannose oligosaccharide from a lipid-linked oligosaccharide donor to an asparagine residue within an Asn-X-Ser/Thr consensus motif in nascent polypeptide chains. Increased expression of DAD1 has been observed in various tumors.

## 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

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

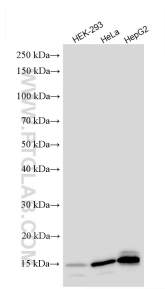
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

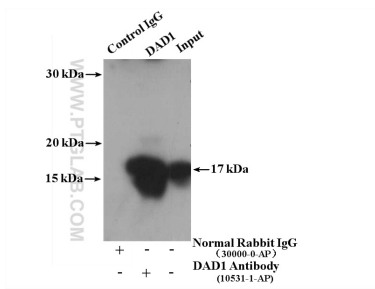
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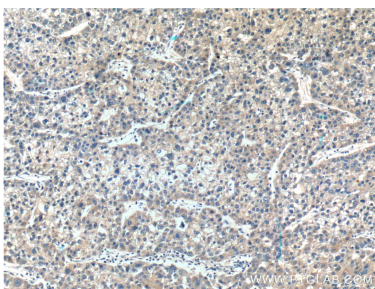
Selected Validation Data



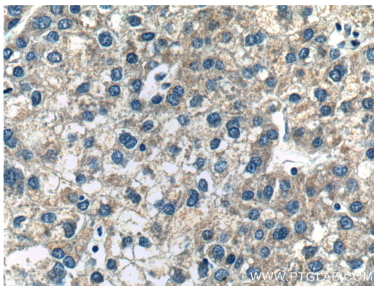
Various lysates were subjected to SDS PAGE followed by western blot with 10531-1-AP (DAD1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



IP result of anti-DAD1 (IP:10531-1-AP, 4ug; Detection:10531-1-AP 1:700) with HepG2 cells lysate 2600 ug.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 10531-1-AP (DAD1 Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 10531-1-AP (DAD1 Antibody) at dilution of 1:200 (under 40x lens).