

For Research Use Only

DAD1 Polyclonal antibody

Catalog Number: 10531-1-AP



Basic Information

Catalog Number: 10531-1-AP	GenBank Accession Number: BC007403	Purification Method: Antigen affinity purification
Size: 2000 µg/ml	GeneID (NCBI): 1603	Recommended Dilutions: WB 1:1000-1:4000 IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate IHC 1:50-1:500 IF 1:20-1:200
Source: Rabbit	UNIPROT ID: P61803	
Isotype: IgG	Full Name: defender against cell death 1	
Immunogen Catalog Number: AG0814	Calculated MW: 12 kDa Observed MW: 16-20 kDa	

Applications

Tested Applications: IF/ICC, IHC, IP, WB, ELISA	Positive Controls: WB : HEK-293 cells, HepG2 cells IP : HepG2 cells, IHC : human liver cancer tissue, IF : HepG2 cells,
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	

Background Information

DAD1 (defender against cell death 1) is a downstream target of the NFκB 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.

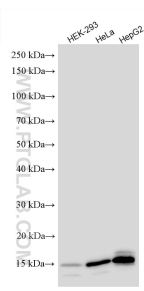
Storage

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

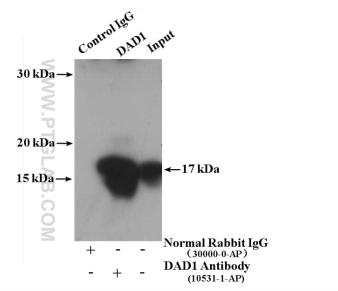
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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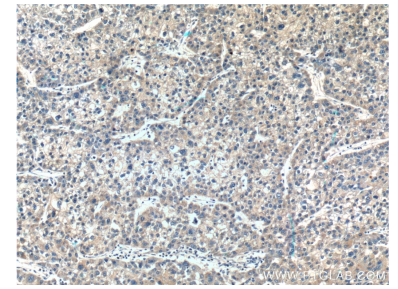
Selected Validation Data



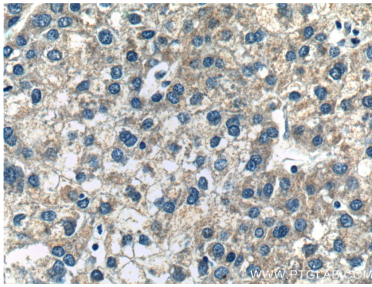
Various lysates were subjected to SDS PAGE followed by western blot with 10531-1-AP (DAD1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



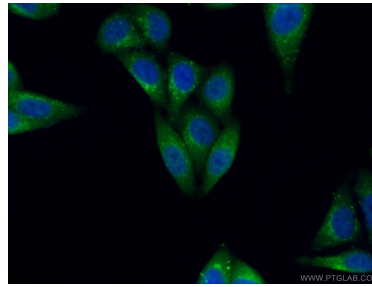
IP result of anti-DAD1 (IP:10531-1-AP, 4ug; Detection:10531-1-AP 1:700) with HepG2 cells lysate 2600 ug.



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).



Immunofluorescent analysis of (10% Formaldehyde) fixed HepG2 cells using 10531-1-AP (DAD1 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).