BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-DAD1 Antibody

Catalog Number: A06054

About DAD1

Defender of cell death 1 (DAD1) was initially discovered in BHK21 cells as a negative regulator of programmed cell death, a process important for normal organism development and tissue homeostasis. DAD1 was later shown to be a subunit of the mammalian oligosaccharyltransferase complex and is required for its function and structural integrity. Mice lacking DAD1 express abnormal N-linked glycoproteins and undergo increased apoptotic-associated embryonic death. Furthermore, overexpression of DAD1 mRNA is seen in some human hepatocellular carcinomas, indicating it may also play a role in carcinogenesis. It should be noted that DAD1 is not related to the inhibitor of apoptosis proteins (IAP) family and does not contain any baculoviral IAP repeat (BIR) domains.

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Overview

Product Name	Anti-DAD1 Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-DAD1 Antibody (Catalog # A06054). Tested in ELISA, WB, ICC, IF applications. This antibody reacts with Human, Mouse.
Application	ELISA, IF, ICC, WB
Clonality	Polyclonal
Formulation	DAD1 Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	DAD1 antibody can be stored at 4°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	P61803

Technical Details

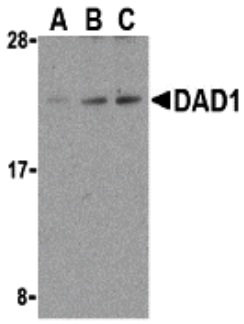
Immunogen	DAD1 antibody was raised against a peptide corresponding to 14 amino acids near the C-terminus of human DAD1. The immunogen is located within the last 50 amino acids of DAD1.
Predicted Reactive Species	Bovine, Chicken, Pig, Rat

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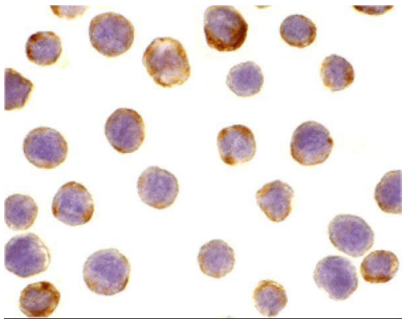
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	DAD1 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	DAD1 antibody can be used for detection of DAD1 by Western blot at 0.5 to 2 ug/mL. Despite its predicted molecular weight, DAD1 migrates at ~22 kDa in SDS-PAGE. Antibody can also be used for immunocytochemistry starting at 10 ug/mL. For immunofluorescence start at 10 ug/mL. Antibody validated: Western Blot in human samples; Immunocytochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

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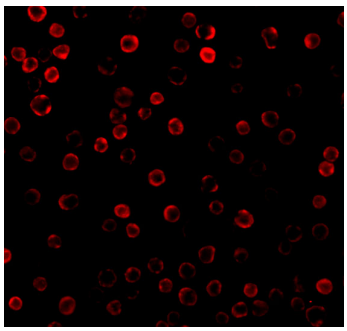
Anti-DAD1 Antibody (A06054) Images



Western blot analysis of DAD1 in HepG2 cell lysate with DAD1 antibody at (A) 0.5, (B) 1, and (C) 2 ug/mL.



Immunocytochemistry of DAD1 in HepG2 cells with DAD1 antibody at 10 ug/mL.



Immunofluorescence of DAD1 in HepG2 cells with DAD1 antibody at 10 ug/mL.

Anti-DAD1 Antibody

For Research Use Only. Not for use in diagnostic procedures.