

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.

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 0.02% sodium azide.
Storage Instructions	DAD1 antibody can be stored at 4°C for three months and -20°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

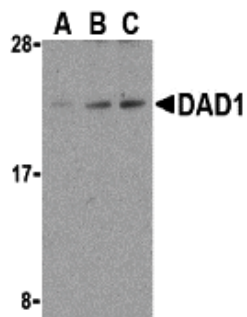
Technical Details

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
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	DAD1 Antibody is affinity chromatography purified via peptide column.

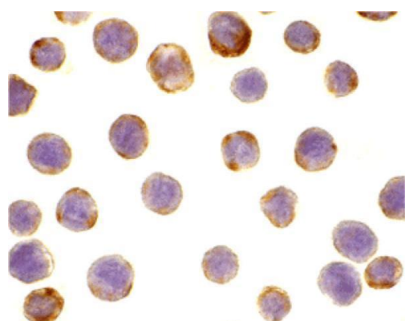
Suggested Dilutions

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.

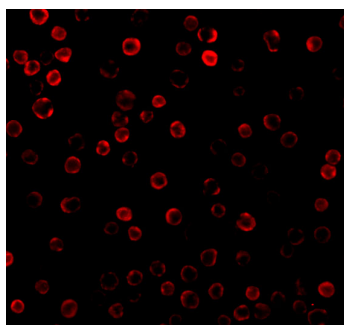
Anti-DAD1 Antibody (A06054) Images



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.

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Anti-DAD1 Antibody

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