

Datasheet for ABIN499706

**anti-DAD1 antibody**

## 2 Images

[Go to Product page](#)

## Overview

Quantity:	0.1 mg
Target:	DAD1
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DAD1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Enzyme Immunoassay (EIA)

## Product Details

Immunogen:	Murine DAD1 Peptide
Isotype:	IgG
Specificity:	DAD1 antibody was raised against a peptide corresponding to 14 amino acids near the C-terminus of human DAD1.
Purification:	Ion exchange chromatography

## Target Details

Target:	DAD1
Alternative Name:	DAD1 ( <a href="#">DAD1 Products</a> )
Background:	Defender of cell death 1 (DAD1) was initially discovered in BHK21 cells as a negative regulator of programmed cell death (1), a process important for normal organism development and tissue homeostasis (2). DAD1 was later shown to be a subunit of the mammalian

## Target Details

oligosaccharyltransferase complex and is required for its function and structural integrity (3,4). Mice lacking DAD1 express abnormal N-linked glycoproteins and undergo increased apoptotic-associated embryonic death (5,6). Furthermore, overexpression of DAD1 mRNA is seen in some human hepatocellular carcinomas (7), 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. Synonyms: DAD-1, OST2, defender against cell death 1, dolichyl-diphosphooligosaccharide-protein glycosyltransferase subunit DAD1, oligosaccharyl transferase subunit DAD1

Gene ID: 1603

UniProt: [P61803](#)

## Application Details

Application Notes: ELISA. Western Blot: 0.5 to 2 µg/mL. Despite its predicted molecular weight, DAD1 migrates at approx. 22 kDa in SDS-PAGE. Immunocytochemistry.  
Other applications not tested.  
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

## Handling

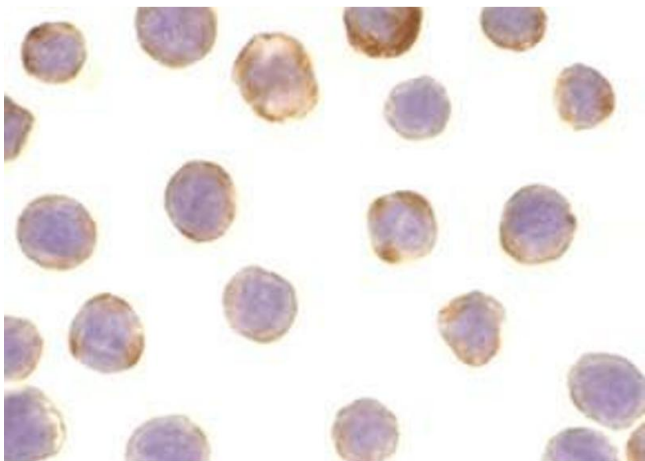
Buffer: PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

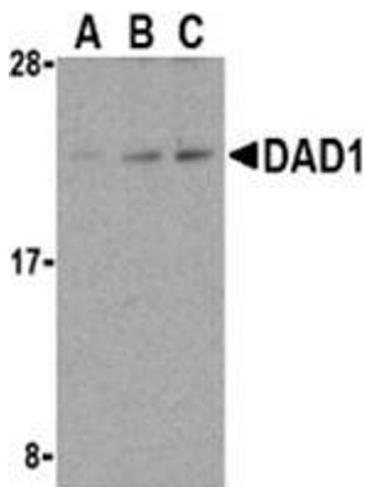
Storage: 4 °C

Storage Comment: Store the antibody undiluted at 2-8 °C.



**Immunofluorescence**

**Image 1.** Immunocytochemistry of DAD1 in HepG2 cells with AP30271PU-N DAD1 antibody at 10 µg/ml.



**Western Blotting**

**Image 2.** Western blot analysis of DAD1 in HepG2 cell lysate with AP30271PU-N DAD1 antibody at (A) 0.5, (B) 1, and (C) 2 µg/ml.