

Product datasheet for **TA306165**

DAD1 Rabbit Polyclonal Antibody

Product data:

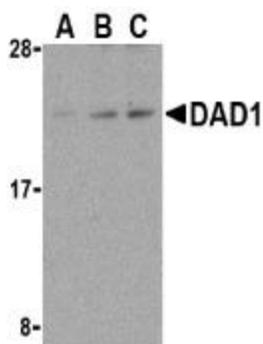
Product Type:	Primary Antibodies
Applications:	IF, WB
Recommended Dilution:	WB: 0.5 - 2 ug/mL, ICC: 10 ug/mL, IF: 10 ug/mL
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	DAD1 antibody was raised against a peptide corresponding to 14 amino acids near the C-terminus of human DAD1.
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	Ion exchange chromatography purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	defender against cell death 1
Database Link:	AAH09798 Entrez Gene 1603 Human P61803
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 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.



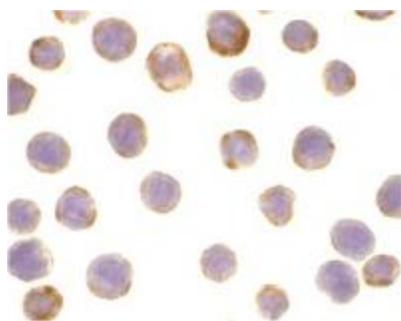
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Synonyms: OST2

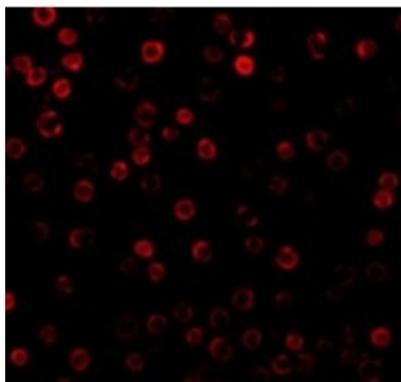
Product images:



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.