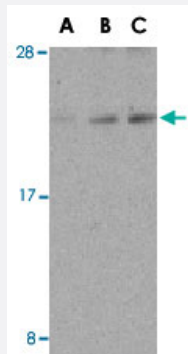


DAD1 polyclonal antibody

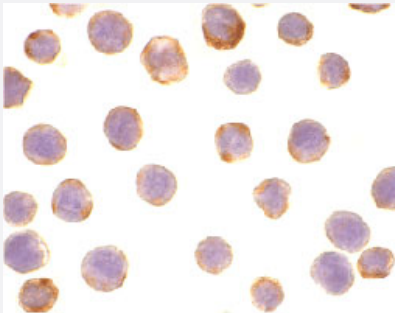
Catalog # PAB12919 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of DAD1 in HepG2 cell lysate with DAD1 polyclonal antibody (Cat # PAB12919) at (A) 0.5, (B) 1, and (C) 2 ug/mL .



Immunocytochemistry

Immunocytochemistry of DAD1 in HepG2 cells with DAD1 polyclonal antibody (Cat # PAB12919) at 10 ug/mL .

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of DAD1.
Immunogen	A synthetic peptide corresponding to C-terminus 14 amino acids of human DAD1.
Host	Rabbit
Reactivity	Human, Mouse
Form	Liquid
Recommend Usage	Western Blot (0.5-2 ug/mL) The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS (0.02% sodium azide)
Storage Instruction	Store at 4°C for three months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of DAD1 in HepG2 cell lysate with DAD1 polyclonal antibody (Cat # PAB12919) at (A) 0.5, (B) 1, and (C) 2 ug/mL .

- Immunocytochemistry

Immunocytochemistry of DAD1 in HepG2 cells with DAD1 polyclonal antibody (Cat # PAB12919) at 10 ug/mL .

Gene Info — DAD1

Entrez GeneID	1603
Protein Accession#	AAH09798
Gene Name	DAD1
Gene Alias	OST2
Gene Description	defender against cell death 1
Omim ID	600243
Gene Ontology	Hyperlink
Gene Summary	DAD1, the defender against apoptotic cell death, was initially identified as a negative regulator of programmed cell death in the temperature sensitive tsBN7 cell line. The DAD1 protein disappeared in temperature-sensitive cells following a shift to the nonpermissive temperature, suggesting that loss of the DAD1 protein triggered apoptosis. DAD1 is believed to be a tightly associated subunit of oligosaccharyltransferase both in the intact membrane and in the purified enzyme, thus reflecting the essential nature of N-linked glycosylation in eukaryotes. [provided by RefSeq]
Other Designations	-

Publication Reference

- [DAD1 is required for the function and the structural integrity of the oligosaccharyltransferase complex.](#)

Sanjay A, Fu J, Kreibich G.

The Journal of Biological Chemistry 1998 Oct; 273(40):26094.

- [DAD1, the defender against apoptotic cell death, is a subunit of the mammalian oligosaccharyltransferase.](#)

Kelleher DJ, Gilmore R.

PNAS 1997 May; 94(10):4994.

Application: WB-Ce, WB-Re, Human, Recombinant protein, WI-38 cells

- [Molecular cloning of a human cDNA encoding a novel protein, DAD1, whose defect causes apoptotic cell death in hamster BHK21 cells.](#)

Nakashima T, Sekiguchi T, Kuraoka A, Fukushima K, Shibata Y, Komiyama S, Nishimoto T.

Molecular and Cellular Biology 1993 Oct; 13(10):6367.

Application: WB-Ce, Human, Mouse, HeLa, tsBN7, BHK21 cells

Pathway

- [Metabolic pathways](#)
- [N-Glycan biosynthesis](#)

Disease

- [Adenocarcinoma](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Narcolepsy](#)
- [Tobacco Use Disorder](#)