

Datasheet for ABIN6991874
anti-DAP antibody (C-Term)



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Overview

Quantity:	0.1 mg
Target:	DAP
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DAP antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	DAP antibody was raised against a 19 amino acid peptide near the carboxy terminus of human DAP. The immunogen is located within the last 50 amino acids of DAP.
Isotype:	IgG
Specificity:	DAP antibody is human, mouse and rat reactive.
Purification:	DAP Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	DAP
Alternative Name:	DAP (DAP Products)

Target Details

Background:	DAP Antibody: The Death-associated protein (DAP) is a basic proline-rich 15 kDa protein that as a positive mediator of programmed cell death that is induced by interferon-gamma (1). DAP is also a direct substrate of mammalian target of rapamycin (mTOR), a serine/threonine kinase that regulates cell growth and cell cycle, and a negative regulator of autophagy. Under rich nutrient conditions, mTOR phosphorylates DAP at Ser3 and Ser51, under starvation conditions, these residues are dephosphorylated and DAP is converted into an active suppressor of autophagy (2).
Molecular Weight:	Predicted: 11 kDa Observed: 11 kDa
Gene ID:	1611
NCBI Accession:	NP_004385
UniProt:	P51397
Pathways:	Positive Regulation of Endopeptidase Activity , Feeding Behaviour

Application Details

Application Notes:	DAP antibody can be used for detection of DAP by Western blot at 1 - 2 µg/mL. Antibody validated: Western Blot in human samples, Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	DAP Antibody is supplied in 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:	-20 °C, 4 °C
Storage Comment:	DAP antibody can be stored at 4°C for three months and -20°C, stable for up to one year.