BOSTER BIOLOGICAL TECHNOLOGY
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888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-Death-associated protein 1 DAP Antibody

Catalog Number: A02756-1

About DAP

The Death-associated protein (DAP) is a basic proline-rich 15kDa 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).

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Overview

Product Name	Anti-Death-associated protein 1 DAP Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Death-associated protein 1 DAP Antibody (Catalog # A02756-1). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	DAP Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	DAP antibody can be stored at 4°C, stable for up to one year.
Host	Rabbit
Uniprot ID	P51397

Technical Details

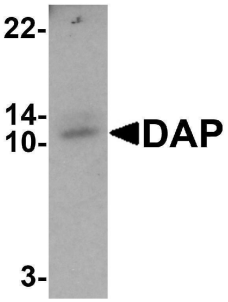
Immunogen	DAP antibody was raised against a 19 amino acid peptide near the carboxy terminus of human DAP. The immunogen is located within the last 50 amino acids of DAP.
Predicted Reactive Species	Bovine
Cross Reactivity	DAP antibody is human, mouse and rat reactive.
Isotype	IgG

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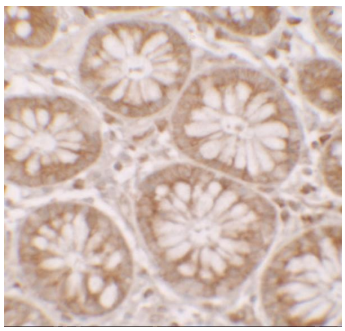
Form	Liquid
Concentration	1 mg/mL
Purification	DAP Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	DAP antibody can be used for detection of DAP by Western blot at 1 - 2 ug/mL. Antibody validated: Western Blot in human samples; Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

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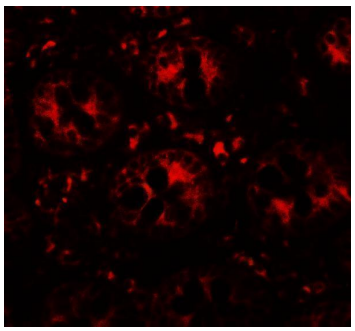
Anti-Death-associated protein 1 DAP Antibody (A02756-1) Images



Western blot analysis of DAP in human small intestine tissue lysate with DAP antibody at 1 ug/mL.



Immunohistochemistry of DAP in human small intestine tissue with DAP antibody at 5 ug/ml.



Immunofluorescence of DAP in human small intestine tissue with DAP antibody at 20 ug/ml.

Anti-Death-associated protein 1 DAP Antibody

For Research Use Only. Not for use in diagnostic procedures.