

Anti-DAPK2 Antibody

Catalog Number: A02241

About DAPK2

Apoptosis is mediated by death domain containing adapter molecules and a caspase family of proteases. Certain serine/threonine protein kinases, such as RIP and DAP kinase, are mediators of apoptosis. DAP kinase (DAPK) is pro-apoptotic calcium-regulated serine/threonine kinase containing death domain. Ectopic expression of DAPK induces cell death and suppresses oncogenic transformation. DAPK mediates IFN γ induced apoptosis. A novel DAP kinase-related protein was recently identified and designated DAPK2 and DRP-1. Ectopically expressed DAPK2 induced apoptosis in various types of cells. DAPK has high sequence homology to ZIP kinase and DRAK1/2, and they represent a novel family of serine/threonine kinases, which mediates apoptosis through their catalytic activities. The messenger RNA of DAPK2 is expressed in multiple human tissues.

Overview

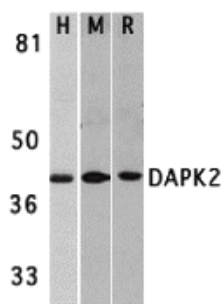
Product Name	Anti-DAPK2 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-DAPK2 Antibody (Catalog # A02241). Tested in ELISA, WB, IHC-P applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IHC-P, WB
Clonality	Polyclonal
Formulation	DAPK2 Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	DAPK2 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q9UIK4

Technical Details

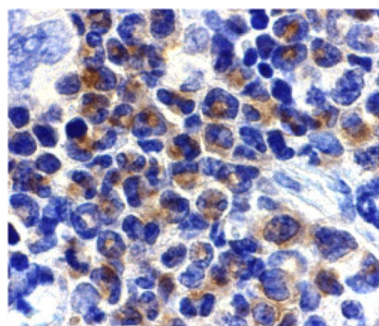
Immunogen	DAPK2 antibody was raised against a peptide corresponding to amino acids near the carboxy terminus of human DAPK2. This antigenic peptide is identical to the corresponding amino acids of mouse origin (1,2). The immunogen is located within the last 50 amino acids of DAPK2.
Predicted Reactive Species	Bovine, Chicken
Cross Reactivity	DAPK2 has no cross responses to DAPK1.
Isotype	IgG
Form	Liquid

Concentration	1 mg/ml
Purification	DAPK2 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	DAPK2 antibody can be used for detection of DAPK2 by Western blot at 1 ug/mL. An approximately 42 kDa band can be detected. DAPK2 has no cross responses to DAPK1. Antibody can also be used for immunohistochemistry starting at 2 ug/mL. Antibody validated: Western Blot in human, mouse, and rat samples and Immunohistochemistry in mouse samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

Anti-DAPK2 Antibody (A02241) Images



Western blot analysis of DAPK2 in A431 (H), mouse spleen (M), and rat kidney (R) lysates with DAPK2 antibody at 1 ug/mL.



Immunohistochemistry of DAPK2 in mouse spleen cells with DAPK2 antibody at 2 ug/mL.

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Anti-DAPK2 Antibody

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