

Anti-MTCH2 Antibody

Catalog Number: A05288

About MTCH2

Apoptosis plays a major role in normal organism development, tissue homeostasis, and removal of damaged cells. Disruption of this process has been implicated in a variety of diseases such as cancer. The Bcl-2 family of proteins is comprised of critical regulators of apoptosis that can be divided into two classes: those that inhibit apoptosis and those that promote cell death. MTCH2 is a member of the mitochondrial carrier protein family that catalyze the exchange of substrates across the inner mitochondrial membrane and is targeted by Bid, a pro-apoptotic Bcl-2 family member, in response to apoptotic signals, suggesting that MTCH2 may play a key role in the mitochondrial apoptosis pathway.

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Overview

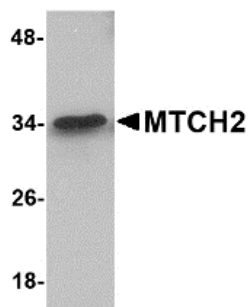
Product Name	Anti-MTCH2 Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-MTCH2 Antibody (Catalog # A05288). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	MTCH2 Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	MTCH2 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	Q791V5

Technical Details

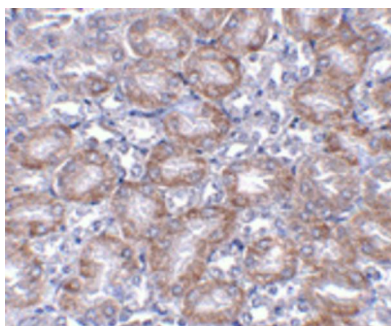
Immunogen	MTCH2 antibody was raised against a 15 amino acid synthetic peptide near the amino terminus of human MTCH2. The immunogen is located within amino acids 80 - 130 of MTCH2.
Predicted Reactive Species	Bovine
Isotype	IgG

Form	Liquid
Concentration	1 mg/mL
Purification	MTCH2 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	MTCH2 antibody can be used for detection of MTCH2 by Western blot at 1 ug/mL. Antibody can also be used for immunohistochemistry starting at 5 ug/mL. For immunofluorescence start at 20 ug/mL. Antibody validated: Western Blot in human samples; Immunohistochemistry in mouse samples and Immunofluorescence in mouse samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

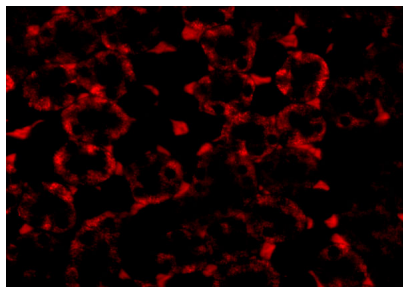
Anti-MTCH2 Antibody (A05288) Images



Western blot analysis of MTCH2 in 293 cell lysate with MTCH2 antibody at 1 ug/mL.



Immunohistochemistry of MTCH2 in mouse kidney tissue with MTCH2 antibody at 5 ug/mL.



Immunofluorescence of MTCH2 in Mouse Kidney cells with MTCH2 antibody at 20 ug/mL.

[Anti-MTCH2 Antibody](#)

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