BOSTER BIOLOGICAL TECHNOLOGY
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Anti-Zinc finger MYM-type protein 1 ZMYM1 Antibody

Catalog Number: A18075

About ZMYM1

Zinc-finger proteins contain DNA-binding domains characterized by the unique role of zinc and have a wide variety of functions such as transcriptional activation or repression. The protein folding and the DNA binding ability are governed by the coordination of a zinc ion. As a member of the MYM (myeloproliferative and mental retardation) gene family, ZMYM1 is widely expressed in different tissues in eukaryotes under several forms derived by alternative splicing. While its function remains unknown, the related protein ZMYM2 has been shown to associate with and stabilize the LSD1-CoREST-HDAC1 (LCH) complex of chromatin through its MYM-type zinc fingers, thereby enhancing the transcriptional repression of several genes, suggesting that ZMYM1 may play a similar role.

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Overview

Product Name	Anti-Zinc finger MYM-type protein 1 ZMYM1 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Zinc finger MYM-type protein 1 ZMYM1 Antibody (Catalog # A18075). Tested in ELISA, WB, IHC-P applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IHC-P, WB
Clonality	Polyclonal
Formulation	ZMYM1 Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	ZMYM1 antibody can be stored at 4°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	Q5SVZ6

Technical Details

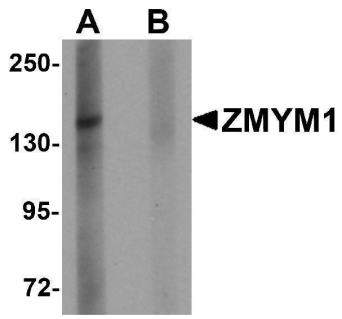
Immunogen	ZMYM1 antibody was raised against a 17 amino acid synthetic peptide near the carboxy terminus of human ZMYM1 . The immunogen is located within amino acids 990 - 1040 of ZMYM1.
Predicted Reactive Species	Mouse

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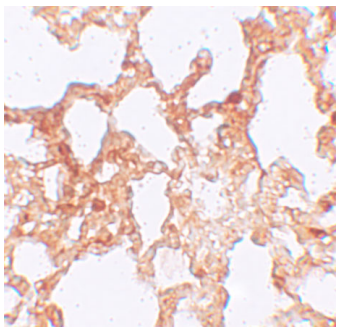
Cross Reactivity	At least two isoforms of ZMYM1 are known to exist; this antibody will detect only the shorter isoform. ZMYM1 antibody is predicted to not cross-react with other ZMYM protein family members.
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	ZMYM1 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	ZMYM1 antibody can be used for detection of ZMYM1 by Western blot at 1 ug/mL. Antibody can also be used for immunohistochemistry starting at 5 ug/mL. Antibody validated: Western Blot in rat samples and Immunohistochemistry in rat 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-Zinc finger MYM-type protein 1 ZMYM1 Antibody (A18075) Images



Western blot analysis of ZMYM1 in rat lung tissue lysate with ZMYM1 antibody at 1 ug/mL in (A) the absence and (B) the presence of blocking peptide.



Immunohistochemistry of ZMYM1 in rat lung tissue with ZMYM1 antibody at 5 ug/mL.

Anti-Zinc finger MYM-type protein 1 ZMYM1 Antibody

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