

Anti-Zinc finger MYM-type protein 3 ZMYM3 Antibody

Catalog Number: A08961

About ZMYM3

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, ZMYM3 is highly conserved in vertebrates and most abundantly expressed in the brain. The encoded protein is a component of histone deacetylase-containing multiprotein complexes that function through modifying chromatin structure to keep genes silent. A chromosomal translocation (X;13) involving this gene is associated with X-linked mental retardation.

Overview

Product Name	Anti-Zinc finger MYM-type protein 3 ZMYM3 Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-Zinc finger MYM-type protein 3 ZMYM3 Antibody (Catalog # A08961). Tested in ELISA, WB, IF applications. This antibody reacts with Human, Mouse.
Application	ELISA, IF, WB
Clonality	Polyclonal
Formulation	ZMYM3 Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	ZMYM3 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	Q14202

Technical Details

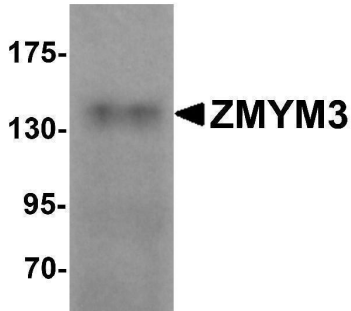
Immunogen	ZMYM3 antibody was raised against a 18 amino acid synthetic peptide near the center of human ZMYM3. The immunogen is located within amino acids 220 - 270 of ZMYM3.
Predicted Reactive Species	Bovine
Cross Reactivity	At least three isoforms of ZMYM3 are known to exist; this antibody will detect all three. ZMYM3 antibody is predicted to not cross-react with other ZMYM protein family members.
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	ZMYM3 Antibody is affinity chromatography purified via peptide column.

Suggested Dilutions

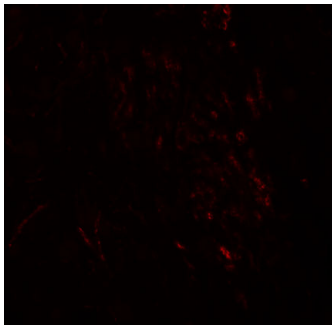
ZMYM3 antibody can be used for detection of ZMYM3 by Western blot at 1 ug/mL. For immunofluorescence start at 20 ug/mL.

Antibody validated: Western Blot 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.

Anti-Zinc finger MYM-type protein 3 ZMYM3 Antibody (A08961) Images



Western blot analysis of ZMYM3 in human brain tissue lysate with ZMYM3 antibody at 1 ug/mL.



Immunofluorescence of ZMYM3 in human brain tissue with ZMYM3 antibody at 20 ug/mL.

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