

Datasheet for ABIN6991476
anti-ZMYM3 antibody (AA 220-270)



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Overview

Quantity:	0.1 mg
Target:	ZMYM3
Binding Specificity:	AA 220-270
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ZMYM3 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunofluorescence (IF)

Product 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.
Isotype:	IgG
Specificity:	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.
Purification:	ZMYM3 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	ZMYM3
Alternative Name:	ZMYM3 (ZMYM3 Products)

Target Details

Background:	ZMYM3 Antibody: 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.
Gene ID:	9203
UniProt:	Q14202

Application Details

Application Notes:	ZMYM3 antibody can be used for detection of ZMYM3 by Western blot at 1 µg/mL. For immunofluorescence start at 20 µg/mL. Antibody validated: Western Blot in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	ZMYM3 Antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C, 4 °C
Storage Comment:	ZMYM3 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.