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Datasheet for ABIN7127138 **anti-ZMYM3 antibody**

Overview

Quantity:	100 µg
Target:	ZMYM3
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ZMYM3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Flow Cytometry (FACS), Immunohistochemistry (Formalin-fixed Sections) (IHC (f))

Product Details

Immunogen:	Recombinant full-length human ZMYM3 protein
Isotype:	IgG2a
Specificity:	<p>Zinc-finger proteins contain DNA-binding domains and have a wide variety of functions, most of which encompass some form of transcriptional activation or repression. ZMYM3 (zinc finger MYM-type protein 3), also known as ZNF261 (zinc finger protein 261), XFIM, DXS6673E or MYM, is a 1,370 amino acid nuclear protein that contains nine MYM-type zinc fingers.</p> <p>Expressed in a variety of tissues, including heart, muscle and brain, ZMYM3 is thought to function as part of a histone deacetylase-containing complex that contains other proteins, such as HDAC1 and HDAC2, and may play a role in gene silencing through the modification of chromatin structure. Defects in the gene encoding ZMYM3 that lead to chromosomal translocations may be a cause of X-linked mental retardation. Two isoforms of ZMYM3 exist due to alternative splicing events.</p>

Product Details

Cross-Reactivity (Details): Human.

Purification: 1.0mg/ml of Ab purified from Bioreactor by Protein A/G.

Target Details

Target: ZMYM3

Alternative Name: ZMYM3 ([ZMYM3 Products](#))

Background: DXS6673E, KIAA0385, MYM, XFIM, ZFP261, Zinc finger MYM type 3, Zinc finger MYM type protein 3, Zinc finger MYM-type protein 3, Zinc finger protein 261, ZNF198L2, ZNF261,ZMYM3
Cellular localisation: Nucleus.

Molecular Weight: 152kDa

Gene ID: 9203, 522684

UniProt: [Q14202](#)

Application Details

Application Notes: Known_Application: Flow Cytometry (1-2 µg/million cells), Immunofluorescence (1-2 µg/mL), Western Blot (1-2 µg/mL),Immunohistochemistry (Formalin-fixed) (1-2 µg/mL for 30 minutes at RT),(Staining of formalin-fixed tissues requires heating tissue sections in 10 mM Tris with 1 mM EDTA, pH 9.0, for 45 min at 95 °C followed by cooling at RT for 20 minutes),Optimal dilution for a specific application should be determined.
Positive_Control: HeLa or Raji cells. Ubiquitous nuclear expression.

Restrictions: For Research Use only

Handling

Concentration: 1.0 mg/mL

Buffer: Prepared in 10 mM PBS, WITHOUT BSA and Azide.

Preservative: Azide free

Storage: -20 °C,-80 °C

Storage Comment: Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous.

Expiry Date: 24 months