

Datasheet for 600-401-GF8**ZMYM3 Antibody****Overview**

Description:	Anti-ZMYM3 (RABBIT) Antibody - 600-401-GF8
Item No.:	600-401-GF8
Size:	100 µg
Applications:	ELISA, IF, WB
Reactivity:	Human, Mouse
Host Species:	Rabbit

Product Details

Background:	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.
Synonyms:	ZMYM3 Antibody, MYM, XFIM, ZNF261, DXS6673E, ZNF198L2, KIAA0385, Zinc finger MYM-type protein 3, Zinc finger protein 261
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	ZMYM3
Reactivity:	Human, Mouse
Immunogen Type:	Conjugated Peptide
Immunogen:	Anti-AXIN2 antibody was prepared from whole rabbit serum produced by repeated immunizations with a 20 amino acid synthetic peptide near the C-terminus of human AXIN2.

Purity/Specificity: Anti-ZMYM3 Antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography. 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.

Relevant Links:

- [UniProtKB - Q14202](#)
- [GeneID - 9203](#)
- [NCBI - NP_001164633.1](#)

Application Details

Tested Applications: ELISA, IF, WB

Application Note: Anti-ZMYM3 Antibody has been tested for use in ELISA, Western Blotting and Immunofluorescence. Specific conditions for reactivity should be optimized by the end user. Expect a band at approximately 152 kDa in Western Blots of specific cell lysates and tissues.

Assay Dilutions: All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.

ELISA: 1:10,000

IF: 20 µg/mL

WB: 1 µg/mL

Formulation

Physical State: Liquid (sterile filtered)

Concentration: 1 mg/mL by UV absorbance at 280 nm

Buffer: 0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2

Preservative: 0.02% (w/v) Sodium Azide

Stabilizer: None

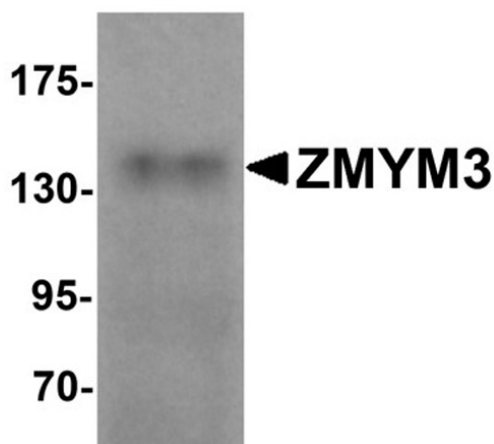
Shipping & Handling

Shipping Condition: Dry Ice

Storage Condition: Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

Expiration: Expiration date is one (1) year from date of receipt.

Images

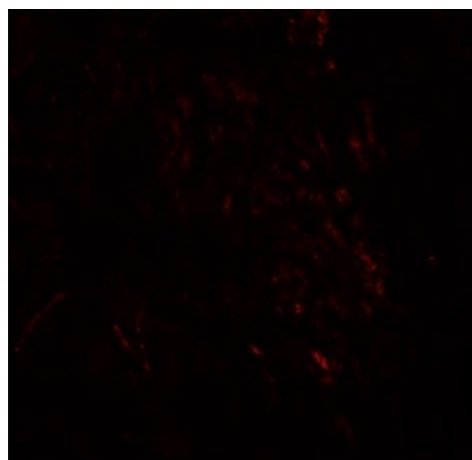


Western Blot

Western blot analysis of ZMYM3.

Load: human brain tissue lysate.

Primary Antibody: ZMYM3 antibody at 1 µg/mL.



Immunofluorescence Microscopy

Immunofluorescence of ZMYM3.

Tissue: human brain tissue.

Primary Antibody: ZMYM3 antibody at 20 µg/mL.

Disclaimer

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