

Datasheet for ABIN783369

**anti-ZMYM3 antibody (N-Term)**[Go to Product page](#)**1** Image

## Overview

Quantity:	0.1 mg
Target:	ZMYM3
Binding Specificity:	N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ZMYM3 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

## Product Details

Immunogen:	20 amino acid peptide near the amino terminus of human AXIN2
Specificity:	This antibody detects ZMYM3 at N-term. 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.
Cross-Reactivity (Details):	Species reactivity (tested): Human, mouse
Purification:	Affinity chromatography purified via peptide column

## Target Details

Target:	ZMYM3
Alternative Name:	ZMYM3 ( <a href="#">ZMYM3 Products</a> )

## Target 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: DXS6673E, KIAA0385, ZNF261, Zinc finger MYM-type protein 3, Zinc finger protein 261

**Gene ID:** 9203

**NCBI Accession:** [NP\\_001164633](#)

**UniProt:** [Q14202](#)

## Application Details

**Application Notes:** Optimal working dilution should be determined by the investigator.

**Restrictions:** For Research Use only

## Handling

**Buffer:** PBS containing 0.02 % sodium azide

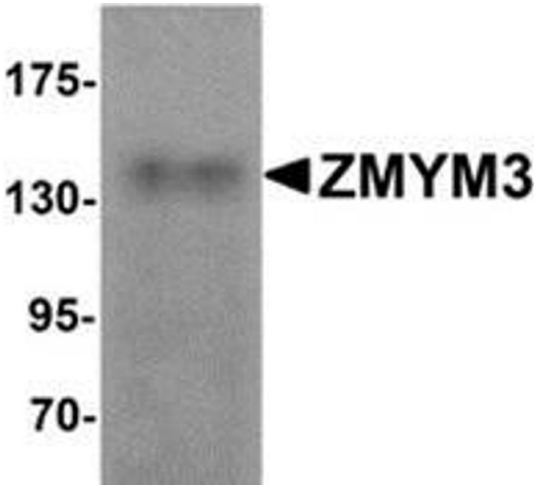
**Preservative:** Sodium azide

**Precaution of Use:** This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

**Handling Advice:** Avoid repeated freezing and thawing.

**Storage:** 4 °C/-20 °C

**Storage Comment:** Store at 2 - 8 °C for up to three months or (in aliquots) at -20 °C for longer.



Western Blotting

**Image 1.** Western blot analysis of ZMYM3 in human brain tissue lysate with ZMYM3 antibody at 1 µg/ml.