

Datasheet for ABIN783365
anti-ZMYM1 antibody (C-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	0.1 mg
Target:	ZMYM1
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ZMYM1 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	17 amino acid peptide near the carboxy terminus of human ZMYM1
Specificity:	This antibody detects ZMYM1 at C-term. At least two isoforms of ZMYM1 are known to exist, this antibody will detect only the shorter isoform. ZMYM1 antibody is predicted to not cross-react with other ZMYM protein family members.
Cross-Reactivity (Details):	Species reactivity (tested): Human, mouse, rat
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	ZMYM1
Alternative Name:	ZMYM1 (ZMYM1 Products)

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, ZMYM1 is widely expressed in different tissues in eukaryotes under several forms derived by alternative splicing. While its function remains unknown, the related protein ZMYM2 has been shown to associate with and stabilize the LSD1-CoREST-HDAC1 (LCH) complex of chromatin through its MYM-type zinc fingers, thereby enhancing the transcriptional repression of several genes, suggesting that ZMYM1 may play a similar role. **Synonyms:** Zinc finger MYM-type protein 1

Gene ID: 79830

NCBI Accession: [NP_079048](#)

UniProt: [Q5SVZ6](#)

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

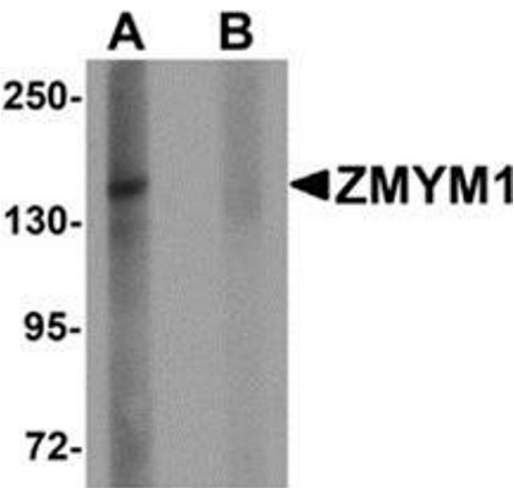
Preservative: Sodium azide

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 ZMYM1 in rat lung tissue lysate with ZMYM1 antibody at 1 µg/ml in (A) the absence and (B) the presence of blocking peptide.