

**ZMYM2 Antibody**  
**Catalog # ASC11268****Specification**

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**ZMYM2 Antibody - Product Information**

Application	WB, IF, ICC, E
Primary Accession	<a href="#">Q9UBW7</a>
Other Accession	<a href="#">CAH71822</a> , <a href="#">300192961</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Application Notes	ZMYM2 antibody can be used for detection of ZMYM2 by Western blot at 0.125 - 0.25 µg/mL. Antibody can also be used for immunocytochemistry starting at 10 µg/mL. For immunofluorescence start at 20 µg/mL.

**ZMYM2 Antibody - Additional Information**Gene ID **7750****Target/Specificity**

ZMYM2; 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.

**Reconstitution & Storage**

ZMYM2 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.

**Precautions**

ZMYM2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**ZMYM2 Antibody - Protein Information****Name** ZMYM2**Synonyms** FIM, RAMP, ZNF198**Function**

Involved in the negative regulation of transcription.

**Cellular Location**

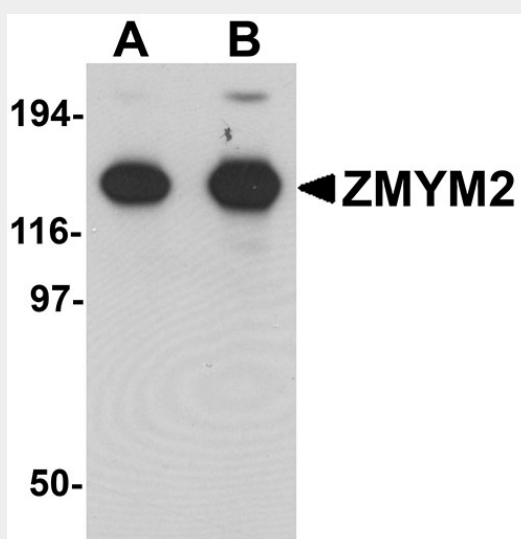
Nucleus.

## ZMYM2 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

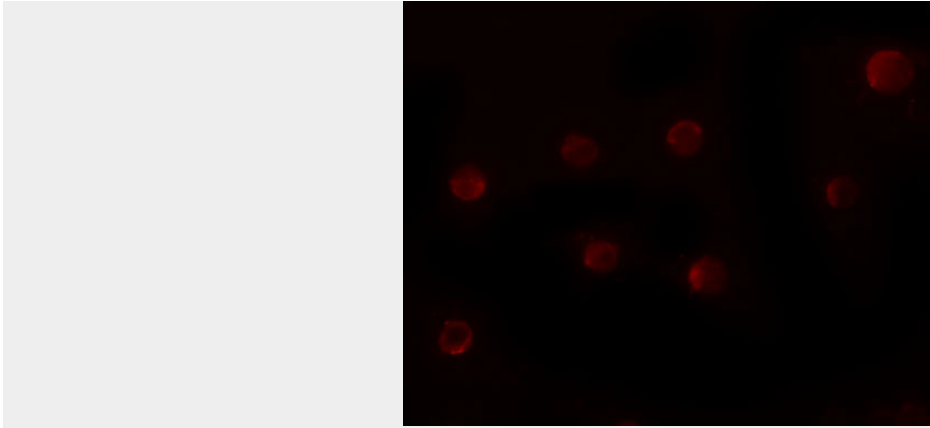
## ZMYM2 Antibody - Images



Western blot analysis of ZMYM2 in EL4 cell lysate with ZMYM2 antibody at (A) 0.125 and (B) 0.25  $\mu\text{g/mL}$ .



Immunocytochemistry of ZMYM2 in HeLa cells with ZMYM2 antibody at 10  $\mu\text{g/mL}$ .



Immunofluorescence of ZMYM2 in HeLa cells with ZMYM2 antibody at 20 µg/mL.

### **ZMYM2 Antibody - Background**

**ZMYM2 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, 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.

### **ZMYM2 Antibody - References**

Rosenfeld R and Margalit H. Zinc fingers: conserved properties that can distinguish between spurious and actual DNA-binding motifs. *J. Biomol. Struct. Dyn.*1993; 11:557-70.  
Gregory SG, Barlow KF, McLay KE, et al. The DNA sequence and biological annotation of human chromosome 1. *Nature*2006; 441:315-21.  
Sohal J, Reiter A, Goldman JM, et al. Cloning of ZNF237, a novel member of the MYM gene family that maps to human chromosome 13q11→q12. *Cytogenet. Cell Genet.*2000; 89:24-8.  
Gocke CB and Yu H. ZNF198 stabilizes the LSD1-CoREST-HDAC1 complex on chromatin through its MYM-type zinc fingers. *PLoS One*2008; 3:e3255.