ZMYM1 Antibody

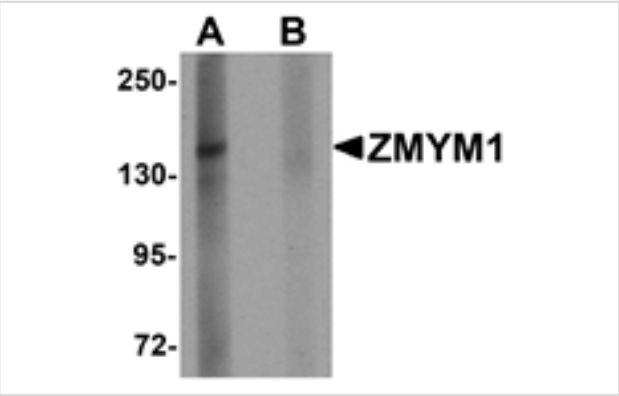
Catalog No: #25249

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

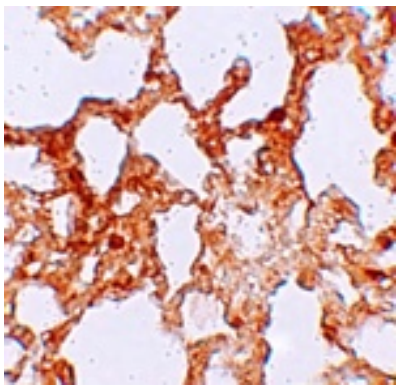
Description

Product Name	ZMYM1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Affinity chromatography purified via peptide column
Applications	ELISA WB IHC
Species Reactivity	Hu Ms Rt
Specificity	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.
Immunogen Type	Peptide
Immunogen Description	Raised against a 17 amino acid peptide near the carboxy terminus of human ZMYM1
Target Name	ZMYM1
Other Names	Zinc finger MYM-type protein 1, MYM
Accession No.	Swiss-Prot:Q5SVZ6Gene ID:79830
Uniprot	Q5SVZ6
GeneID	79830;
Concentration	1mg/ml
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at -20°C, stable for 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.

Images



Western blot analysis of ZMYM1 in rat lung tissue lysate with ZMYM1 antibody at 1 ug/mL in (A) the absence and (B) the presence of blocking peptide.



Immunohistochemistry of ZMYM1 in rat lung tissue with ZMYM1 antibody at 5 ug/mL.

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.

Note: This product is for in vitro research use only