

Anti-ZMYM2 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human,Rat (predicted:Mouse,Rabbit)
Molecular Weight:	Theoretical: 160 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	1. Tissue/cell: Rat testis tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01 M, pH 6.0), Boiling bathing for 15 min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min; Blocking buffer (normal goat serum) at 37°C for 20 min; Incubation: Anti-ZMYM2 Polyclonal Antibody, Unconjugated (TMAB-14327) 1: 200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining
	2. Tissue/cell: Rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01 M, pH 6.0), Boiling bathing for 15 min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min; Blocking buffer (normal goat serum) at 37°C for 20 min; Incubation: Anti-ZMYM2 Polyclonal Antibody, Unconjugated (TMAB-14327) 1: 200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining
	3. Paraformaldehyde-fixed, paraffin embedded (human colon carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (ZMYM2) Polyclonal Antibody, Unconjugated (TMAB-14327) at 1: 200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.
Application:	IHC-P,IHC-Fr,ICC/IF,IF
Recommended	IHC-P: 1:100-500; IHC-Fr: 1:100-500; ICC/IF: 1:100-500; IF: 1:100-500

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen: KLH conjugated synthetic peptide: human ZMYM2/ZNF198
Antigen Species: Human
Gene ID: 7750
Uniprot ID: Q9UBW7

Research Background

Zinc-finger proteins contain DNA-binding domains and have a wide variety of functions, most of which encompass some form of transcriptional activation or repression. ZNF198 (zinc finger 198), also known as ZMYM2 (zinc finger, MYM-type 2), FIM, MYM, RAMP or SCLL, is a 1,377 amino acid protein that localizes to the nucleus and contains nine MYM-type zinc fingers. Thought to be a component of the BHC histone deacetylase complex, ZNF198 interacts with HDAC1 and HDAC2 and is thought to stabilize the BHC complex via its MYM-type zinc fingers. The gene encoding ZNF198 is subject to a translocation with Flg, an event that may be involved in the pathogenesis of stem cell leukemia lymphoma syndrome (SCLL), a lymphoblastic lymphoma often accompanied by pronounced peripheral eosinophilia and/or prominent eosinophilic infiltrates in the affected bone marrow.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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