bs-13603R

- DATASHEET -

[Primary Antibody]

Isotype: IgG

SWISS: Q9UBW7

ZMYM2 Rabbit pAb

Host: Rabbit

Clonality: Polyclonal

Target: ZMYM2

GenelD: 7750



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Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ICC/IF (1:100-500)

Reactivity: Human, Rat (predicted: Mouse, Rabbit)

Predicted MW.: 160 kDa

Subcellular Location: Nucleus

ZMYM2/ZNF198: 1051-1150/1377. **Purification:** affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Immunogen: KLH conjugated synthetic peptide derived from human

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.

VALIDATION IMAGES



Tissue/cell: Rat brain tissue; 4% Paraformaldehyde-fixed and paraffinembedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-ZMYM2 Polyclonal Antibody, Unconjugated(bs-13603R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Tissue/cell: Rat testis tissue; 4% Paraformaldehyde-fixed and paraffinembedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-ZMYM2 Polyclonal Antibody, Unconjugated(bs-13603R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Paraformaldehyde-fixed, paraffin embedded (human colon carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (ZMYM2) Polyclonal Antibody, Unconjugated (bs-13603R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.