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Rabbit Anti-ZMYM2 antibody

SL13603R

Product Name:	ZMYM2
Chinese Name:	Zinc finger protein198抗体
Alias:	FIM; Fused in myeloproliferative disorders protein; MYM; RAMP; Rearranged in atypical myeloproliferative disorder protein; SCLL; ZFP 198; Zinc finger MYM type protein 2; Zinc finger MYM-type protein 2; Zinc finger protein 198; Zinc finger protein198; zinc finger, MYM-type 2; ZMYM 2; ZMYM2; ZMYM2_HUMAN; ZNF 198; ZNF198.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Rabbit,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	160kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human ZMYM2/ZNF198:1051-1150/1377
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	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.

Function:
May function as a transcription factor.

Subcellular Location:
Nucleus.

DISEASE:
Note=A chromosomal aberration involving ZMYM2 may be a cause of stem cell leukemia lymphoma syndrome (SCLL). Translocation t(8;13)(p11;q12) with FGFR1. SCLL usually presents as lymphoblastic lymphoma in association with a myeloproliferative disorder, often accompanied by pronounced peripheral eosinophilia and/or prominent eosinophilic infiltrates in the affected bone marrow.

Similarity:
Contains 9 MYM-type zinc fingers.

SWISS:
Q9CU65

Gene ID:
7750

Database links:

Entrez Gene: 7750 Human

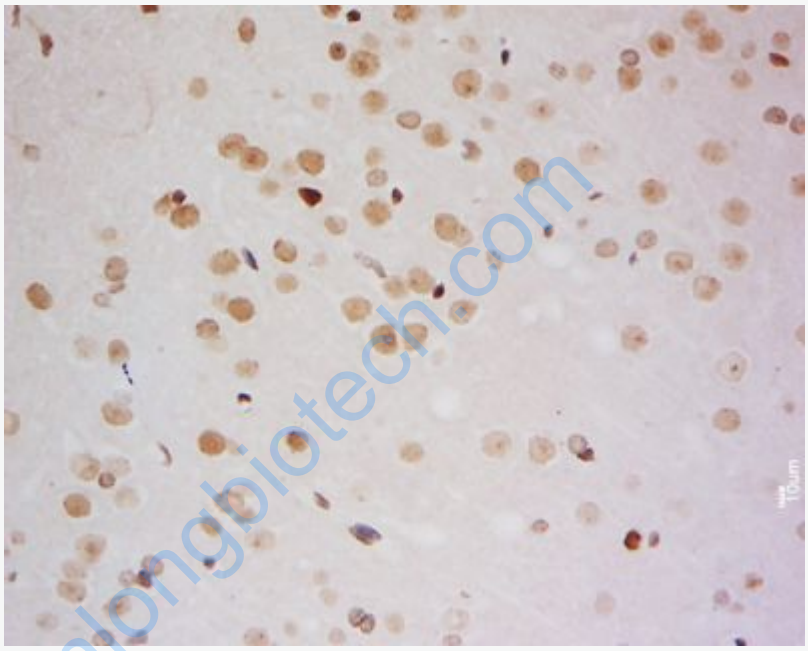
Entrez Gene: 76007 Mouse

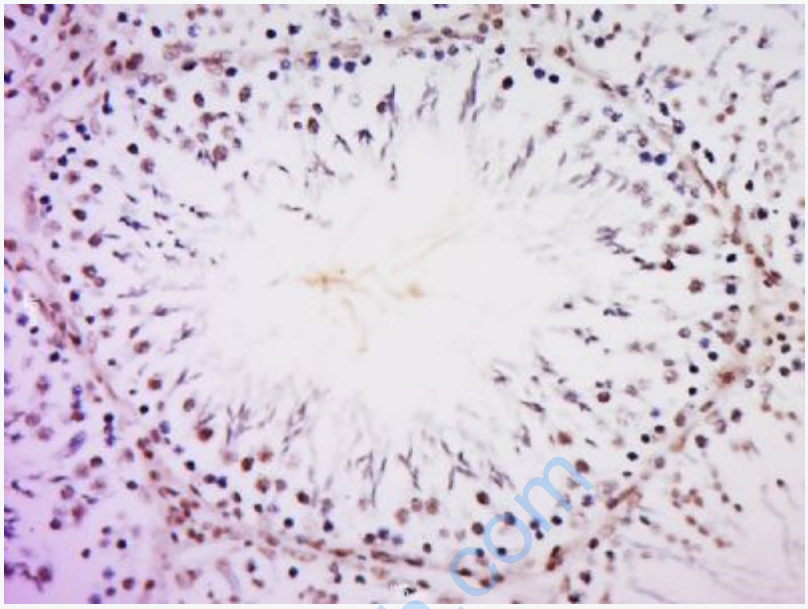
Omim: 602221 Human

SwissProt: Q9UBW7 Human

SwissProt: Q9CU65 Mouse

Unigene: 507433 Human

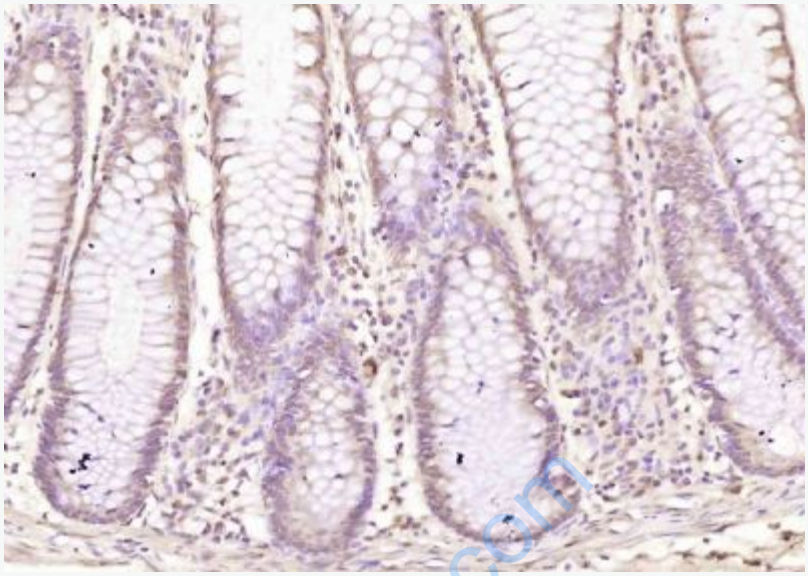
	Unigene: 31417 Mouse **Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Picture:	 Tissue/cell: Rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37℃ for 20 min; Incubation: Anti-ZMYM2 Polyclonal Antibody, Unconjugated(SL13603R) 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 paraffin-embedded;

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℃ for 20 min;

Incubation: Anti-ZMYM2 Polyclonal Antibody, Unconjugated(SL13603R) 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 (SL13603R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.