



RBTN2 Polyclonal Antibody

Catalog No	YP-Ab-07143
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	LMO2 RBTN2 RBTNL1 RHOM2 TTG2
Immunogen	Synthesized peptide derived from human protein . at AA range: 1-80
Specificity	RBTN2 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	LMO-2;RBTN2;RBTNL1;RHOM2;TTG2;Rbtn-2;Rhom-2;RBTN2_HUMAN;LMO2; Cysteine-rich protein TTG-2;LIM domain only protein 2 (LMO-2);T-cell translocation protein 2;RBTN2_MOUSE;LMO2 RBTN2 RBTNL1 RHOM2 TTG2; Rhombotin-2 (Cysteine-rich protein TTG-2) (LIM domain only protein 2) (LMO-2) (T-cell translocation protein 2)
Observed Band	17kD
Calculated Molecular Weight	17kD
Cell Pathway	Nucleus .
Tissue Specificity	Brain,Colon,Kidney,
Function	disease:A chromosomal aberration involving LMO2 may be a cause of a form of T-cell acute lymphoblastic leukemia (T-ALL). Translocation t(11,14)(p13;q11) with TCRD.,domain:The second LIM zinc-binding domain interacts with KDM5A., function:Acts with TAL1/SCL to regulate red blood cell development. Also acts with LDB1 to maintain erythroid precursors in an immature state., similarity:Contains 2 LIM zinc-binding domains.,subunit:Interacts via its LIM domains with ELF2 and LBD1. Also interacts with basic helix-loop-helix protein TAL1/SCL and can assemble in a complex with LMO2 and TAL1/SCL (By similarity). Interacts with BEX2 and KDM5A.,



Background

LIM domain only 2(LMO2) Homo sapiens LMO2 encodes a cysteine-rich, two LIM-domain protein that is required for yolk sac erythropoiesis. The LMO2 protein has a central and crucial role in hematopoietic development and is highly conserved. The LMO2 transcription start site is located approximately 25 kb downstream from the 11p13 T-cell translocation cluster (11p13 ttc), where a number T-cell acute lymphoblastic leukemia-specific translocations occur. Alternative splicing results in multiple transcript variants encoding different isoforms.[provided by RefSeq, Nov 2008],

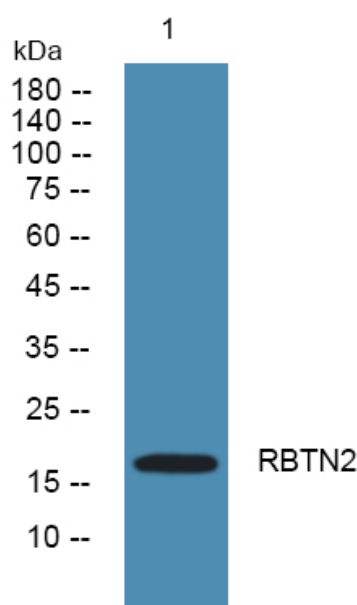
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from Jarkat cells, primary antibody was diluted at 1:1000, 4° over night