ARG40911
anti-LMO2 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes LMO2
Tested Reactivity	Hu, Ms, Rat
Tested Application	IP, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	LMO2
Species	Human
Immunogen	Synthetic peptide derived from Human LMO2.
Conjugation	Un-conjugated
Alternate Names	RHOM2; LMO-2; TTG2; LIM domain only protein 2; T-cell translocation protein 2; RBTN2; Rhombotin-2; Cysteine-rich protein TTG-2; RBTNL1

Application Instructions

Application table

Application	Dilution
IP	1:100
WB	1:500 - 1:2000

Application Note: * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Positive Control: Raji

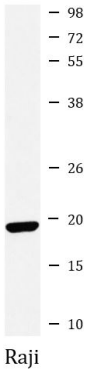
Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.4), 150 mM NaCl, 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	LMO2
Gene Full Name	LIM domain only 2 (rhombotin-like 1)
Background	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]
Function	Acts with TAL1/SCL to regulate red blood cell development. Also acts with LDB1 to maintain erythroid precursors in an immature state. [UniProt]
Calculated Mw	18 kDa
Cellular Localization	Nucleus. [UniProt]

Images



ARG40911 anti-LMO2 antibody WB image

Western blot: Raji cell lysate stained with ARG40911 anti-LMO2 antibody.