ARG40923
anti-LMO1 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes LMO1
Tested Reactivity	Hu, Ms, Rat
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	LMO1
Species	Human
Immunogen	Synthetic peptide corresponding to aa. 127-156 of Human LMO1. (DKFFLKNNMILCQMDYEEGQLNGTFESQVQ)
Conjugation	Un-conjugated
Alternate Names	RHOM1; LMO-1; TTG1; T-cell translocation protein 1; LIM domain only protein 1; RBTN1; Cysteine-rich protein TTG-1; Rhombotin-1

Application Instructions

Application table

Application	Dilution
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.

Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.2% Na2HPO4, 0.9% NaCl, 0.05% Sodium azide and 5% BSA.
Preservative	0.05% Sodium azide
Stabilizer	5% BSA
Concentration	0.5 mg/ml
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 or below. 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	LMO1
Gene Full Name	LIM domain only 1 (rhombotin 1)
Background	This locus encodes a transcriptional regulator that contains two cysteine-rich LIM domains but lacks a DNA-binding domain. LIM domains may play a role in protein interactions; thus the encoded protein may regulate transcription by competitively binding to specific DNA-binding transcription factors. Alterations at this locus have been associated with acute lymphoblastic T-cell leukemia. Chromosomal rearrangements have been observed between this locus and at least two loci, the delta subunit of the T-cell antigen receptor gene and the LIM domain binding 1 gene. Alternatively spliced transcript variants have been described. [provided by RefSeq, Jul 2012]
Function	May be involved in gene regulation within neural lineage cells potentially by direct DNA binding or by binding to other transcription factors. [UniProt]
Calculated Mw	18 kDa
Cellular Localization	Nucleus. [UniProt]

Images

ARG40923 anti-LMO1 antibody WB image

Western blot: Rat brain, NIH/3T3 and HeLa whole cell lysates stained with ARG40923 anti-LMO1 antibody at 0.5 µg/ml dilution.