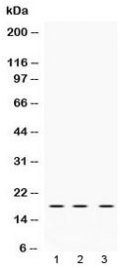
LMO1 Antibody (R32704)

Catalog No.	Formulation	Size
R32704	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA, 0.025% sodium azide
UniProt	P25800
Applications	WB: 0.5-1ug/ml
Limitations	This LMO1 antibody is available for research use only.



Western blot testing of 1) rat brain, 2) mouse NIH3T3 and 3) human HeLa lysate with LMO1 antibody at 0.5ug/ml. Predicted molecular weight ~18 kDa.

Description

Rhombotin-1 is a protein that in humans is encoded by the LMO1 gene. 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.

Application Notes

Optimal dilution of the LMO1 antibody should be determined by the researcher.

Immunogen

Amino acids 127-156 (DKFFLKNNMILCQMDYEEGQLNGTFESQVQ) from the human protein were used as the immunogen for the LMO1 antibody.

Storage

After reconstitution, the LMO1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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