

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
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	Western Blot : 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 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.