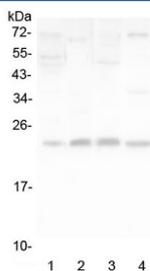


## LMO2 Antibody / Rhombotin 2 (RQ4423)

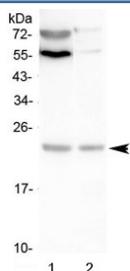
Catalog No.	Formulation	Size
RQ4423	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
<b>UniProt</b>	P25791
<b>Applications</b>	Western Blot : 0.5-1ug/ml
<b>Limitations</b>	This LMO2 antibody is available for research use only.



Western blot testing of human 1) placenta, 2) SMMC-7721, 3) A375 and 4) A431 lysate with LMO2 antibody at 0.5ug/ml. Predicted molecular weight ~18 kDa (isoform 1), ~25 kDa (isoform 3).



Western blot testing of 1) rat C6 and 2) mouse Neuro-2a lysate with LMO2 antibody at 0.5ug/ml. Predicted molecular weight ~18 kDa (isoform 1), ~25 kDa (isoform 3).

## Description

LIM domain only 2 (Rhombotin-like 1, Rhombotin 2), also known as LMO2, RBTNL1, RBTN2, RHOM2, TTG2, and T-Cell Translocation Protein 2, is a protein which in humans is encoded by the LMO2 gene. 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.

## Application Notes

Optimal dilution of the LMO2 antibody should be determined by the researcher.

## Immunogen

Amino acids QKHFCVGDYLLINSDIVCEQDIYEWTKINGMI from the human protein were used as the immunogen for the LMO2 antibody.

## Storage

After reconstitution, the LMO2 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.