10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

LMO2 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP14102a

Specification

LMO2 Antibody (N-term) Blocking peptide - Product Information

Primary Accession P25791

LMO2 Antibody (N-term) Blocking peptide - Additional Information

Gene ID 4005

Other Names
Rhombotin-2, Cysteine-rich protein TTG-2, LIM domain only protein 2, LMO-2, T-cell translocation protein 2, LMO2, RBTN2, RBTNL1, RHOM2, TTG2

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP14102a was selected from the N-term region of LMO2. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

LMO2 Antibody (N-term) Blocking peptide - Protein Information

Name LMO2

Synonyms RBTN2, RBTNL1, RHOM2, TTG2

Function
Acts with TAL1/SCL to regulate red blood cell development. Also acts with LDB1 to maintain erythroid precursors in an immature state.

Cellular Location
Nucleus.

LMO2 Antibody (N-term) Blocking peptide - Protocols

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

LMO2 Antibody (N-term) Blocking peptide - Images

LMO2 Antibody (N-term) Blocking peptide - Background

LMO2 encodes a cysteine-rich, two LIM-domain protein thatis required for yolk sac erythropoiesis. The LMO2 protein has acentral and crucial role in hematopoietic development and is highlyconserved. The LMO2 transcription start site is locatedapproximately 25 kb downstream from the 11p13 T-cell translocationcluster (11p13 ttc), where a number T-cell acute lymphoblasticleukemia-specific translocations occur. Alternative splicingresults in multiple transcript variants encoding differentisoforms.

LMO2 Antibody (N-term) Blocking peptide - References

Oram, S.H., et al. Oncogene 29(43):5796-5808(2010)Younes, S.F., et al. Am. J. Surg. Pathol. 34(9):1266-1276(2010)Hirose, K., et al. Blood 116(6):962-970(2010)Durnick, D.K., et al. Am. J. Clin. Pathol. 134(2):278-281(2010)Cobanoglu, U., et al. Hematology 15(3):132-134(2010)