

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

LMO2 Antibody (N-term) Blocking peptide - Product InformationPrimary 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, RBTN1, 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, RBTN1, 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

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 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 of T-cell acute lymphoblastic leukemia-specific translocations occur. Alternative splicing results in multiple transcript variants encoding different isoforms.

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)