

Rabbit LMO2 Polyclonal Antibody | anti-LMO2 antibody

LMO2 Antibody (N-term)

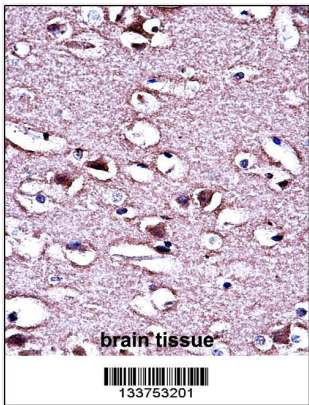
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286113	Rabbit	Human (Predicted Reactivity: Mouse)	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

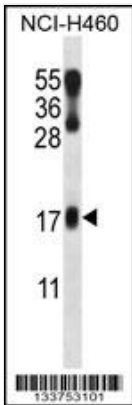
LMO2; Polyclonal Antibody; LMO2 Antibody (N-term); Rhombotin-2; Cysteine-rich protein TTG-2; LIM domain only protein 2; LMO-2; T-cell translocation protein 2; RBTN2; RBTN1; RHOM2; TTG2; anti-LMO2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This LMO2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human LMO2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.35 (varies by lot)
Sequence Positions	1-30
Sequence Length	55
Applicable Applications for anti-LMO2 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



IHC (Immunohiostchemistry)
LMO2 Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of LMO2 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
LMO2 Antibody (N-term) western blot analysis in NCI-H460 cell line lysates (35ug/lane).This demonstrates the LMO2 antibody detected the LMO2 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-LMO2 antibody	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.
Product Categories/Family for anti-LMO2 antibody	Cardiovascular
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)

NCBI AND UNIPROT INFORMATION

NCBI GI #	214832121
NCBI GeneID	4005
NCBI Accession #	NP_001135787.1; NP_001135788.1; NP_005565.2
NCBI GenBank Nucleotide #	NM_001142315.1
UniProt Accession #	P25791; Q9HD58
Molecular Weight	18358
NCBI Official Full Name	rhombotin-2 isoform 2
NCBI Official Synonym Full Names	LIM domain only 2 (rhombotin-like 1)
NCBI Official Symbol	LMO2
NCBI Official Synonym Symbols	TTG2; RBTN2; RHOM2; RBTN1
NCBI Protein Information	rhombotin-2

UniProt Protein Name	Rhombotin-2
UniProt Gene Name	LMO2
UniProt Synonym Gene Names	RBTN2; RBTN1; RHOM2; TTG2; LMO-2
UniProt Entry Name	RBTN2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/lmo2-antibody-immunohistochemistry-western-blot-elisa/286113>