

Rabbit LMO4 Polyclonal Antibody | anti-LMO4 antibody

LMO4 Antibody (Center)

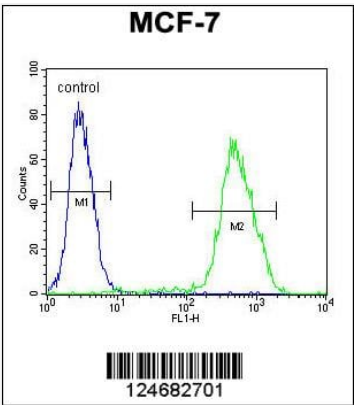
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286700	Rabbit	Human, mouse (Predicted Reactivity: Bovine)	ELISA, Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

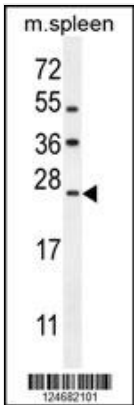
LMO4; Polyclonal Antibody; LMO4 Antibody (Center); LIM domain transcription factor LMO4; Breast tumor autoantigen; LIM domain only protein 4; LMO-4; anti-LMO4 antibody

PRODUCT SPECIFICATIONS

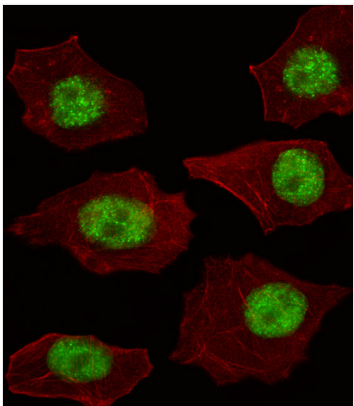
Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Bovine)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This LMO4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 104-131 amino acids from the Central region of human LMO4.
Purity/Purification	Peptide 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: 0.5 (varies by lot)
Sequence Positions	104-131
Sequence Length	165
Applicable Applications for anti-LMO4 antibody	ELISA, WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
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.



FCM/FACS (Flow Cytometry)
LMO4 Antibody (Center) flow cytometric analysis of MCF-7 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
LMO4 Antibody (Center) western blot analysis in mouse spleen tissue lysates (35ug/lane).This demonstrates the LMO4 antibody detected the LMO4 protein (arrow).



IF (Immunofluorescence)
Fluorescent image of A549 cell stained with LMO4 Antibody (Center). A549 cells were fixed with 4% PFA (20 min), permeabilized with Triton X-100 (0.1%, 10 min), then incubated with LMO4 primary antibody (1:25, 1 h at 37 degree). For secondary antibody, Alexa Fluor 488 conjugated donkey anti-rabbit antibody (green) was used (1:400, 50 min at 37 degree).Cytoplasmic actin was counterstained with Alexa Fluor 555 (red) conjugated Phalloidin (7units/ml, 1 h at 37 degree).LMO4 immunoreactivity is localized to Nucleus significantly.

ADDITIONAL INFORMATION

Related Product Information for anti-LMO4 antibody	This gene encodes a cysteine-rich protein that contains two LIM domains but lacks a DNA-binding homeodomain. The encoded protein may play a role as a transcriptional regulator or as an oncogene.
Product Categories/Family for anti-LMO4 antibody	Cancer
References	Tian, Y., et al. Clin. Exp. Metastasis 27(7):455-463(2010) Ribases, M., et al. Biol. Psychiatry 66(10):926-934(2009) Montanez-Wiscovich, M.E., et al. Oncogene 28(41):3608-3618(2009) Huang, Z., et al. Dev. Biol. 327(1):132-142(2009) Caporaso, N., et al. PLoS ONE 4 (2), E4653 (2009) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	5803072
NCBI GeneID	8543

NCBI Accession #	NP_006760.1
NCBI GenBank Nucleotide #	NM_006769.3
UniProt Accession #	P61968; O00158; O88894; D3DT23
Molecular Weight	17994
NCBI Official Full Name	LIM domain transcription factor LMO4
NCBI Official Synonym Full Names	LIM domain only 4
NCBI Official Symbol	LMO4
NCBI Protein Information	LIM domain transcription factor LMO4
UniProt Protein Name	LIM domain transcription factor LMO4
UniProt Gene Name	LMO4
UniProt Synonym Gene Names	LMO-4
UniProt Entry Name	LMO4_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/lmo4-antibody-western-blot-immunofluorescence-flow-cytometry-elisa/286700>