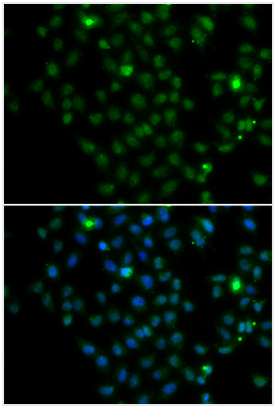
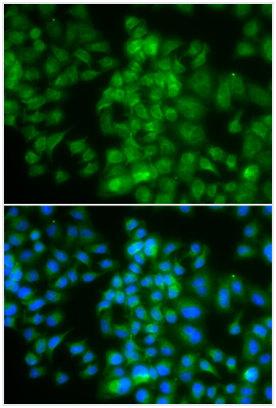
LMO4 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	LMO4, Polyclonal Antibody
Full Product Name	LMO4 antibody
Product Gene Name	anti-LMO4 antibody
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Concentration	1.0 mg/ml (lot specific)
Specificity	The antibody detects endogenous level of total LMO4 antibody.
Preparation and Storage	Store at -20 degree C
Molecular Weight	17,994 Da
OMIM	603129
3D Structure	ModBase 3D Structure for P61968
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human LMO4.
Target Name	LMO4
Product Categories/Family for anti-LMO4 antibody	Total protein Ab
Applications Tested/Suitable for anti-LMO4 antibody	Western Blot (WB), Immunofluorescence (IF)
Application Notes for anti-LMO4 antibody	Western blotting: 1:500 - 1:2000 Immunofluorescence: 1:50 - 1:100
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.
Other Notes	Small volumes of anti-LMO4 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for LMO4 purchase	MBS9411688 is an antibody targeting LMO4. Also known as LMO4 antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.



Immunofluorescence (IF) of anti-LMO4 antibody
Immunofluorescence analysis of MCF7 cell using LMO4 antibody. Blue: DAPI for nuclear staining.



Immunofluorescence (IF) of anti-LMO4 antibody
Immunofluorescence analysis of HeLa cell using LMO4 antibody. Blue: DAPI for nuclear staining.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for LMO4. It may not necessarily be applicable to this product.

NCBI GI #	5803072
NCBI GeneID	8543
NCBI Accession #	NP_006760.1
UniProt Primary Accession #	P61968
UniProt Secondary Accession #	O00158; O88894; D3DT23
UniProt Related Accession #	P61968
GenBank Nucleotide #	NM_006769.3
NCBI Official Full Name	LIM domain transcription factor LMO4
NCBI Official Synonym Full Names	LIM domain only 4
NCBI Official Symbol	LMO4
UniProt Protein Name	LIM domain transcription factor LMO4
UniProt Synonym Protein Names	Breast tumor autoantigen; LIM domain only protein 4; LMO-4
Protein Family	LIM domain transcription factor
UniProt Gene Name	LMO4
UniProt Synonym Gene Names	LMO-4
UniProt Entry Name	LMO4_HUMAN
NCBI Protein Information	LIM domain transcription factor LMO4

UniProt Comments for LMO4	LMO4: Probable transcriptional factor. Protein type: Transcription factor Chromosomal Location of Human Ortholog: 1p22.3 Cellular Component: transcription factor complex Molecular Function: zinc ion binding; transcription factor binding; transcription factor activity Biological Process: transcription from RNA polymerase II promoter; thymus development; ventral spinal cord interneuron differentiation; neural tube closure; regulation of cell fate specification; regulation of cell activation; spinal cord association neuron differentiation; positive regulation of transcription from RNA polymerase II promoter; spinal cord motor neuron differentiation; negative regulation of protein complex assembly
Research Articles on LMO4	**1.** LMO4 appears to form a hub in protein-protein interaction networks, linking numerous pathways within cells.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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