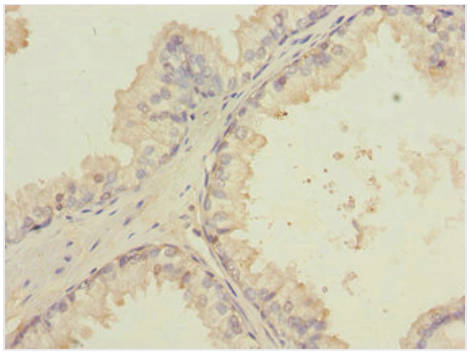
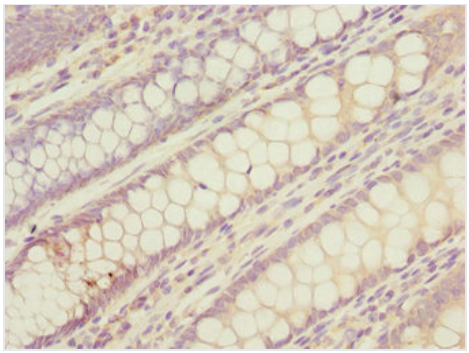
LMO4 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	LMO4, Polyclonal Antibody
Full Product Name	LMO4 Antibody
Product Gene Name	anti-LMO4 antibody
Product Synonym Names	LIM domain transcription factor LMO4; Breast tumor autoantigen; LIM domain only protein 4; LMO-4; LMO4
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid
Purity/Purification	Antigen Affinity Purified
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.
Molecular Weight	17,994 Da
OMIM	603129
3D Structure	ModBase 3D Structure for P61968
Species	Human
Immunogen	Recombinant human LIM domain transcription factor LMO4 protein (1-165AA)
Conjugate	Non-conjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-11120 / sc-11121 / sc-11122 / sc-22833
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-LMO4 antibody	ELISA (EIA), Immunohistochemistry (IHC)
Application Notes for anti-LMO4 antibody	Recommended dilution: IHC: 1:20-1:200
Related Product Information for anti-LMO4 antibody	MBS7046328 is an antibody targeting LMO4. Also known as LMO4 Antibody. Reactive in Human. Host: Rabbit. Probable transcriptional factor.
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.



Immunohistochemistry (IHC) of anti-LMO4 antibody
Immunohistochemistry of paraffin-embedded human prostate cancer using MBS7046328 at dilution 1:100



Immunohistochemistry (IHC) of anti-LMO4 antibody
Immunohistochemistry of paraffin-embedded human colon cancer using MBS7046328 at dilution 1:100

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
NCBI Summary for LMO4	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. [provided by RefSeq, Aug 2008]

UniProt Comments for LMO4	LMO4: Probable transcriptional factor. Protein type: Transcription factor Chromosomal Location of Human Ortholog: 1p22.3 Cellular Component: leading edge; transcription factor complex Molecular Function: protein binding; transcription factor activity; transcription factor binding Biological Process: neural tube closure; positive regulation of kinase activity; regulation of cell migration; transcription from RNA polymerase II promoter
Research Articles on LMO4	**1.** Lmo4 participates in the regulation of lung epithelial cell proliferation but is not essential for tumor progression.
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Online datasheet: https://www.mybiosource.com/polyclonal-human-antibody/lmo4/7046328