

Rabbit LMO4 Polyclonal Antibody | anti-LMO4 antibody

LMO4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323925	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

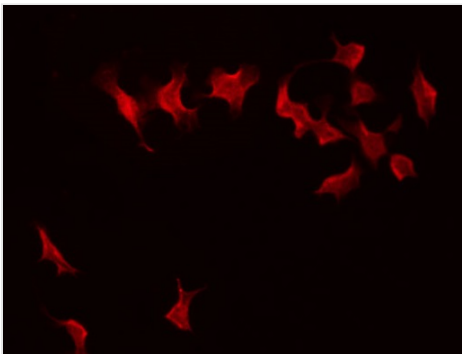
PRODUCT SYNONYMS

LMO4; Polyclonal Antibody; LMO4 Antibody; Breast tumor autoantigen; LIM domain only 4; LIM domain only protein 4; LIM domain transcription factor LMO 4; LIM domain transcription factor LMO4; LMO 4; LMO-4; LMO4_HUMAN; OTTHUMP00000011905; OTTHUMP00000011906; anti-LMO4 antibody

PRODUCT SPECIFICATIONS

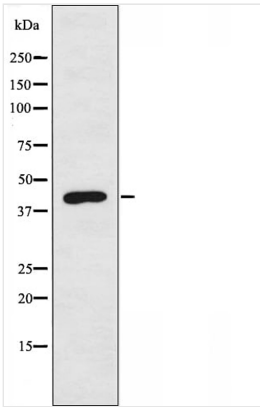
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	LMO4 antibody detects endogenous levels of total LMO4
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	165
Applicable Applications for anti-LMO4 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA323925 staining 293 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from 293 cells, using LMO4 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-LMO4 antibody	Function: Probable transcriptional factor. Subunit Structure: Interacts strongly with LDBS. Interacts with DEAF1; LMO4 blocks export from nucleus. Interacts with CLIM1 and CLIM2. Interacts (via the LIM zinc-binding domain 1) with RBBP8. Interacts with BRCA1 (via the BRCT domains); the interaction represses BRCA1 transcriptional activity (By similarity).
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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	Observed: 44 kD Predicted: 18 kDa
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

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.