

Rabbit anti-Human, Mouse LMX1B Polyclonal Antibody | anti-LMX1B antibody

LMX1B Antibody

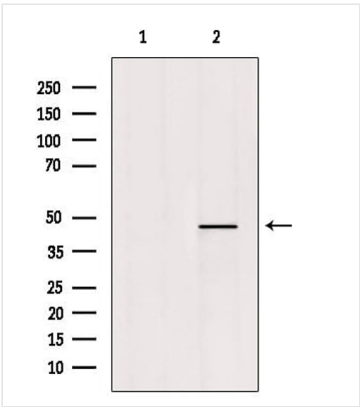
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA320976	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

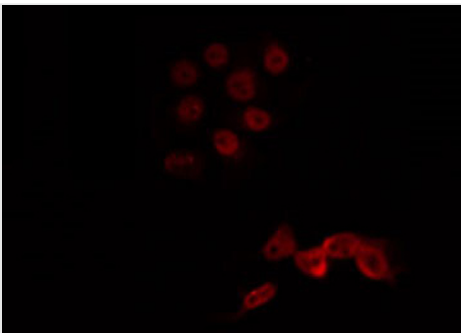
LMX1B; Polyclonal Antibody; LMX1B Antibody; LIM homeo box transcription factor 1 beta; LIM homeobox transcription factor 1 beta; LIM homeobox transcription factor 1-beta; LIM-homeobox protein 1.2; LIM/homeobox protein 1.2; LIM/homeobox protein LMX1B; LMX 1.2; LMX-1.2; LMX1.2; LMX1B_HUMAN; MGC138325; MGC142051; NPS 1; NPS1; anti-LMX1B antibody

PRODUCT SPECIFICATIONS

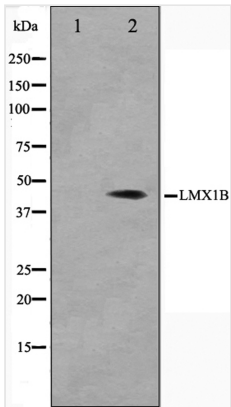
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	LMX1B antibody detects endogenous levels of total LMX1B
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	402
Applicable Applications for anti-LMX1B antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human LMX1B
Subcellular Location	Nucleus.
Tissue Specificity	Expressed in most tissues. Highest levels in testis, thyroid, duodenum, skeletal muscle, and pancreatic islets.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Dog
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Dog (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



WB (Western Blot)
Western blot analysis of extracts from mouse brain, using LMX1B Antibody. Lane 1 was treated with the blocking peptide.



IF (Immunofluorescence)
AAA320976 staining HeLa 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 on Jurkat cell lysate using LMX1B Antibody, The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-LMX1B antibody	Description: LMX1B Essential for the specification of dorsal limb fate at both the zeugopodal and autopodal levels. 2 isoforms of the human protein are produced by alternative splicing. Function: Essential for the specification of dorsal limb fate at both the zeugopodal and autopodal levels. Subunit Structure: Interacts with DHX9 (PubMed:23308148).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	292494915
NCBI GeneID	4010
NCBI Accession #	NP_001167618.1
NCBI GenBank Nucleotide #	NM_001174147.1
UniProt Accession #	O60663; O75463; Q5JU95; Q6ISC9; F8W7W6
Molecular Weight	Observed: 40 kDa Predicted: 45 kDa
NCBI Official Full Name	LIM homeobox transcription factor 1-beta isoform 2
NCBI Official Synonym Full Names	LIM homeobox transcription factor 1 beta
NCBI Official Symbol	LMX1B

NCBI Official Synonym Symbols	NPS1; LMX1.2
NCBI Protein Information	LIM homeobox transcription factor 1-beta
UniProt Protein Name	LIM homeobox transcription factor 1-beta
UniProt Gene Name	LMX1B
UniProt Synonym Gene Names	LMX-1.2

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/lmx1b-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/320976>