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# anti-LMX1B antibody (Internal Region)



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Quantity:	100 μg
Target:	LMX1B
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This LMX1B antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

#### **Product Details**

Purpose:	LMX1B
Immunogen:	Peptide with sequence QQALTTSCYFRDRK, from the internal region of the protein sequence according to NP_002307.1.
Sequence:	QQALTTSCYF RDRK
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

#### **Target Details**

Target:	LMX1B	
Alternative Name:	LMX1B (LMX1B Products)	
Background:	LMX1B, LIM homeobox transcription factor 1, beta, LMX1.2, MGC138325, MGC142051, NPS1, LIM homeo box transcription factor 1, beta	
Gene ID:	4010, 16917, 114501	
NCBI Accession:	NP_002307	
Pathways:	Dopaminergic Neurogenesis	

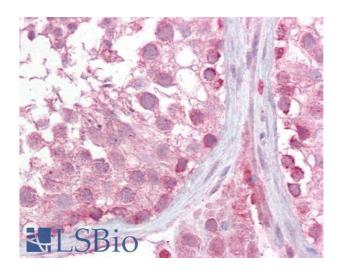
## **Application Details**

Application Notes:	Immunohistochemistry: Paraffin embedded Human Testis. Recommended concentration: 2.5 $\boldsymbol{\mu}$
	g/mL.
	Western Blot: Preliminary experiments gave an approx 100 kDa band in Mouse Kidney lysates
	after 0.3 $\mu\text{g/mL}$ antibody staining. Please note that currently we cannot find an explanation in
	the literature for the band we observe given the calculated size of 41.
	Peptide ELISA: antibody detection limit dilution 1:64000.

Restrictions: For Research Use only

## Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



#### **Immunohistochemistry**

**Image 1.** ABIN570687 (2.5 $\mu$ g/ml) staining of paraffin embedded Human Testis. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.