

LMX1B Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP50586**Specification**

LMX1B Antibody - Product Information

Application	WB
Primary Accession	O60663
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	45, 44 KDa
Antigen Region	180-205

LMX1B Antibody - Additional Information**Gene ID** 4010**Other Names**

LIM homeobox transcription factor 1-beta, LIM/homeobox protein 12, LMX-12, LIM/homeobox protein LMX1B, LMX1B

Dilution

WB~~ 1:1000

FormatRabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol.**Storage Conditions**

-20°C

LMX1B Antibody - Protein Information**Name** LMX1B**Function**

Transcription factor involved in the regulation of podocyte- expressed genes (PubMed:24042019, PubMed:28059119). Essential for the specification of dorsal limb fate at both the zeugopodal and autopodal levels.

Cellular Location

Nucleus {ECO:0000255|PROSITE-ProRule:PRU00108}.

Tissue Location

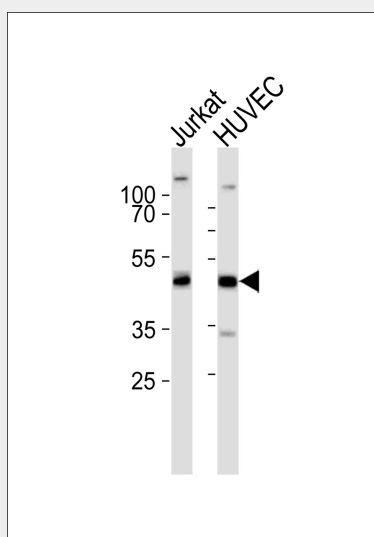
Expressed in most tissues. Highest levels in testis, thyroid, duodenum, skeletal muscle, and pancreatic islets

LMX1B Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

LMX1B Antibody - Images



Western blot analysis of lysates from Jurkat, HUVEC cell line (from left to right), using LMX1B Antibody (AP50586). AP50586 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L (HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35 µg per lane.

LMX1B Antibody - Background

Essential for the specification of dorsal limb fate at both the zeugopodal and autopodal levels.

LMX1B Antibody - References

- Vollrath D., et al. Hum. Mol. Genet. 7:1091-1098(1998).
Humphray S.J., et al. Nature 429:369-374(2004).
Mural R.J., et al. Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.
Dreyer S.D., et al. Nat. Genet. 19:47-50(1998).
McIntosh I., et al. Am. J. Hum. Genet. 63:1651-1658(1998).