

**LMX1B Antibody (C-Terminus)**  
**Rabbit Polyclonal Antibody**  
**Catalog # ALS15675****Specification**

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**LMX1B Antibody (C-Terminus) - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | IF, WB                 |
| Primary Accession | <a href="#">O60663</a> |
| Reactivity        | Human                  |
| Host              | Rabbit                 |
| Clonality         | Polyclonal             |
| Calculated MW     | 45kDa KDa              |

**LMX1B Antibody (C-Terminus) - Additional Information****Gene ID** 4010**Other Names**

LIM homeobox transcription factor 1-beta, LIM/homeobox protein 1.2, LMX-1.2, LIM/homeobox protein LMX1B, LMX1B

**Target/Specificity**

Human LMX1B. At least three isoforms are known to exist. This antibody is predicted to not cross-react with LMX1A.

**Reconstitution & Storage**

Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.

**Precautions**

LMX1B Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

**LMX1B Antibody (C-Terminus) - Protein Information****Name** LMX1B**Function**

Transcription factor involved in the regulation of podocyte- expressed genes (PubMed:<a href="http://www.uniprot.org/citations/24042019" target="\_blank">24042019</a>, PubMed:<a href="http://www.uniprot.org/citations/28059119" target="\_blank">28059119</a>). 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**

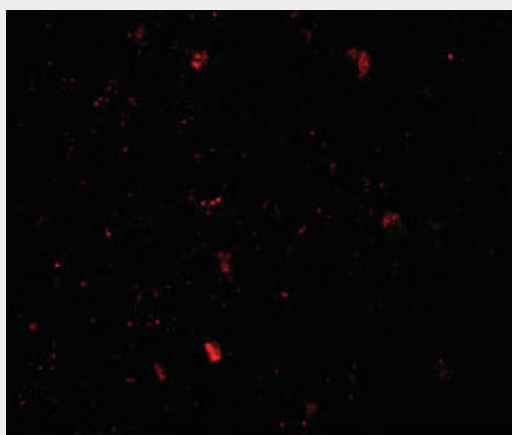
Expressed in most tissues. Highest levels in testis, thyroid, duodenum, skeletal muscle, and pancreatic islets

### LMX1B Antibody (C-Terminus) - Protocols

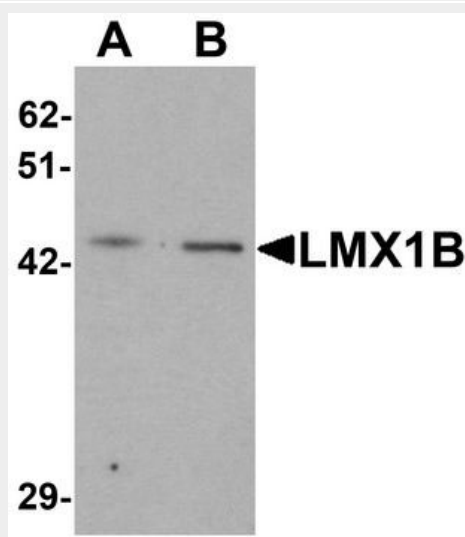
Provided below are standard protocols that you may find useful for product applications.

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

### LMX1B Antibody (C-Terminus) - Images



Immunofluorescence of LMX1B in human brain tissue with LMX1B antibody at 20 ug/ml.



Western blot analysis of LMX1B in A-20 cell lysate with LMX1B antibody at (A) 1 and (B) 2 ug/ml.

### LMX1B Antibody (C-Terminus) - Background

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

### LMX1B Antibody (C-Terminus) - 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).