

**LMX1A antibody - middle region**  
**Rabbit Polyclonal Antibody**  
**Catalog # AI10300****Specification****LMX1A antibody - middle region - Product Information**

|                   |                                                       |
|-------------------|-------------------------------------------------------|
| Application       | WB, IHC                                               |
| Primary Accession | <a href="#">Q8TE12</a>                                |
| Other Accession   | <a href="#">NM_177398</a> , <a href="#">NP_796372</a> |
| Reactivity        | Human, Mouse, Rat, Horse, Bovine, Dog                 |
| Predicted         | Human, Mouse, Rat, Chicken, Bovine, Dog               |
| Host              | Rabbit                                                |
| Clonality         | Polyclonal                                            |
| Calculated MW     | 43kDa KDa                                             |

**LMX1A antibody - middle region - Additional Information****Gene ID 4009**Alias Symbol **LMX1, LMX1.1****Other Names**

LIM homeobox transcription factor 1-alpha, LIM/homeobox protein 1.1, LMX-1.1, LIM/homeobox protein LMX1A, LMX1A

**Format**

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

**Reconstitution & Storage**

Add 100 ul of distilled water. Final anti-LMX1A antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

**Precautions**

LMX1A antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

**LMX1A antibody - middle region - Protein Information****Name** LMX1A**Function**

Acts as a transcriptional activator by binding to an A/T-rich sequence, the FLAT element, in the insulin gene promoter. Required for development of the roof plate and, in turn, for specification of dorsal cell fates in the CNS and developing vertebrae (By similarity).

**Cellular Location**

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

**Tissue Location**

Isoform 1 is expressed in many tissues. Not found in heart, liver, spleen and testis. Relatively highly expressed in fetal brain. Isoform LMX1A-4AB is expressed in testis

### **LMX1A antibody - middle region - 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](#)

