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LMX1A antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI10299

Specification

LMX1A antibody - middle region - Product Information

Application	**WB, IHC**
Primary Accession	Q8TE12
Other Accession	NM_177398, NP_796372
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	**LMX-1, LMX1, LMX1.1, MGC87616**

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 50 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

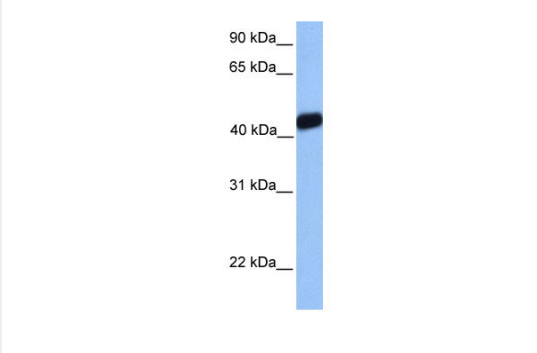
Isoform 1 is expressed in many tissues. Not found in heart, liver, spleen and testis. Relatively highly expressed in fetal brain. Isoform LMX1A-4AB is expressed in testis

LMX1A antibody - middle region - Protocols

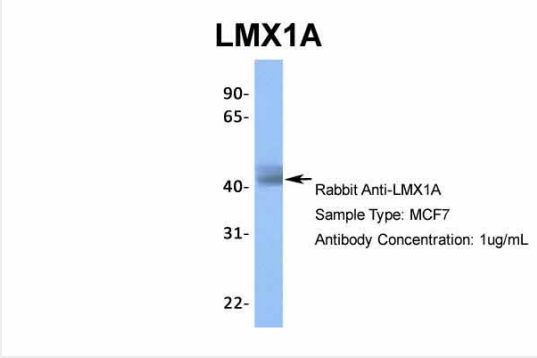
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

LMX1A antibody - middle region - Images

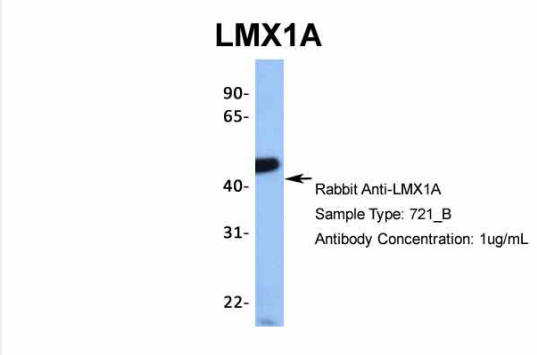


WB Suggested Anti-LMX1A Antibody
Titration: 1 µg/ml
Positive Control: 721_B Whole Cell

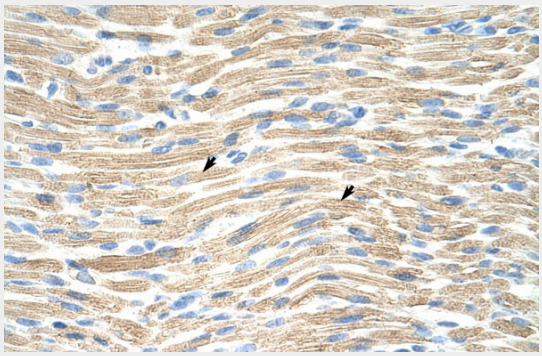


Host: Rabbit
Target Name:LMX1A
Sample Tissue:MCF7
Antibody Dilution:1.µg/ml

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Host: Rabbit
Target Name:TRIM1
Sample Tissue:721_B
Antibody Dilution:1.µg/ml



Rabbit Anti-LMX1A Antibody

Catalog Number: AI10299

Paraffin Embedded Tissue: Human Muscle

Cellular Data: Skeletal muscle cells

Antibody Concentration: 4.-8. µg/ml

Magnification: 4X

LMX1A antibody - middle region - References

Millen,K.J., et al., (2004) Dev. Biol. 270 (2), 382-392Reconstitution and Storage:For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.