

LMX1A antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI10398

Product Information

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| Application | WB |
| Primary Accession | Q8TE12 |
| Other Accession | NM_177398 , NP_796372 |
| Reactivity | Human, Mouse, Rat, Dog, Bovine |
| Predicted | Human, Mouse, Rat, Pig, Bovine |
| Host | Rabbit |
| Clonality | Polyclonal |
| Calculated MW | 42747 |

Additional Information

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| Gene ID | 4009 |
| Alias Symbol Other Names | LMX-1, LMX1, LMX1.1, MGC87616 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 - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures. |

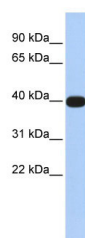
Protein Information

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| 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 |

References

Gregory,S.G., (2006) Nature 441 (7091), 315-321 Reconstitution 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.

Images



WB Suggested Anti-LMX1A Antibody Titration: .2-1 ug/ml

ELISA Titer: 1:125

Positive Control: Human brain

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.