



LMX1A mouse mAb

Catalog No	YP-mAb-17266
Isotype	IgG
Reactivity	Human, Mouse
Applications	WB
Gene Name	LMX1A
Protein Name	LIM homeobox transcription factor 1-alpha (LIM/homeobox protein 1.1) (LMX-1.1) (LIM/homeobox protein LMX1A)
Immunogen	Synthesized peptide derived from human N-terminal LMX1A
Specificity	This antibody detects endogenous levels of LMX1A at Human, Mouse
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Mouse, Monoclonal
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	LIM homeobox transcription factor 1-alpha (LIM/homeobox protein 1.1) (LMX-1.1) (LIM/homeobox protein LMX1A)
Observed Band	
Cell Pathway	Nucleus .
Tissue Specificity	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.
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).
Background	
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



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