

## LMX1A rabbit pAb

<b>Catalog No :</b>	YT8110
<b>Reactivity :</b>	Human;Mouse
<b>Applications :</b>	IHC;WB
<b>Target :</b>	LMX1A
<b>Gene Name :</b>	LMX1A
<b>Protein Name :</b>	LIM homeobox transcription factor 1-alpha (LIM/homeobox protein 1.1) (LMX-1.1) (LIM/homeobox protein LMX1A)
<b>Human Gene Id :</b>	4009
<b>Human Swiss Prot No :</b>	Q8TE12
<b>Mouse Gene Id :</b>	110648
<b>Mouse Swiss Prot No :</b>	Q9JKU8
<b>Immunogen :</b>	Synthesized peptide derived from human N-terminal LMX1A
<b>Specificity :</b>	This antibody detects endogenous levels of LMX1A at Human, Mouse
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500-2000 IHC 1:50-200
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)

**Molecularweight :** 42kD

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**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).

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**Subcellular Location :** Nucleus .

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**Expression :** 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.

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