

## LMX1B

**Reactivity:** Human Mouse Rat

**Tested applications:** WB IHC

**Recommended Dilution:** WB 1:500 - 1:2000 IHC 1:50 - 1:200

**Calculated MW:** 45kDa

**Observed MW:** Refer to figures

**Immunogen:**

A synthetic peptide of human LMX1B

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

NPS1; LMX1.2;

**Catalog #:** A6386

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 4010

**Isotype:** IgG

**Swiss Prot:** O60663

**Purity:** Affinity purification

For research use only.

**Background:**

This gene encodes a member of LIM-homeodomain family of proteins containing two N-terminal zinc-binding LIM domains, 1 homeodomain, and a C-terminal glutamine-rich domain. It functions as a transcription factor, and is essential for the normal development of dorsal limb structures, the glomerular basement membrane, the anterior segment of the eye, and dopaminergic and serotonergic neurons. Mutations in this gene are associated with nail-patella syndrome. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

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