

## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB08844 - Goat Anti-LMX1B Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** LMX1B, LIM homeobox transcription factor 1, beta, LMX1.2, MGC138325, MGC142051, NPS1, LIM homeo box transcription factor 1, beta

**Official Symbol:** LMX1B

**Accession Number(s):** NP\_002307.1

**Human GeneID(s):** [4010](#)

**Non-Human GeneID(s):** 16917 (mouse), 114501 (rat)

### Immunogen

Peptide with sequence QQALTTSCYFRDRK , from the internal region of the protein sequence according to NP\_002307.1.

Please note the [peptide](#) is available for sale.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

### Applications Tested

**Peptide ELISA:** antibody detection limit dilution 1:64000.

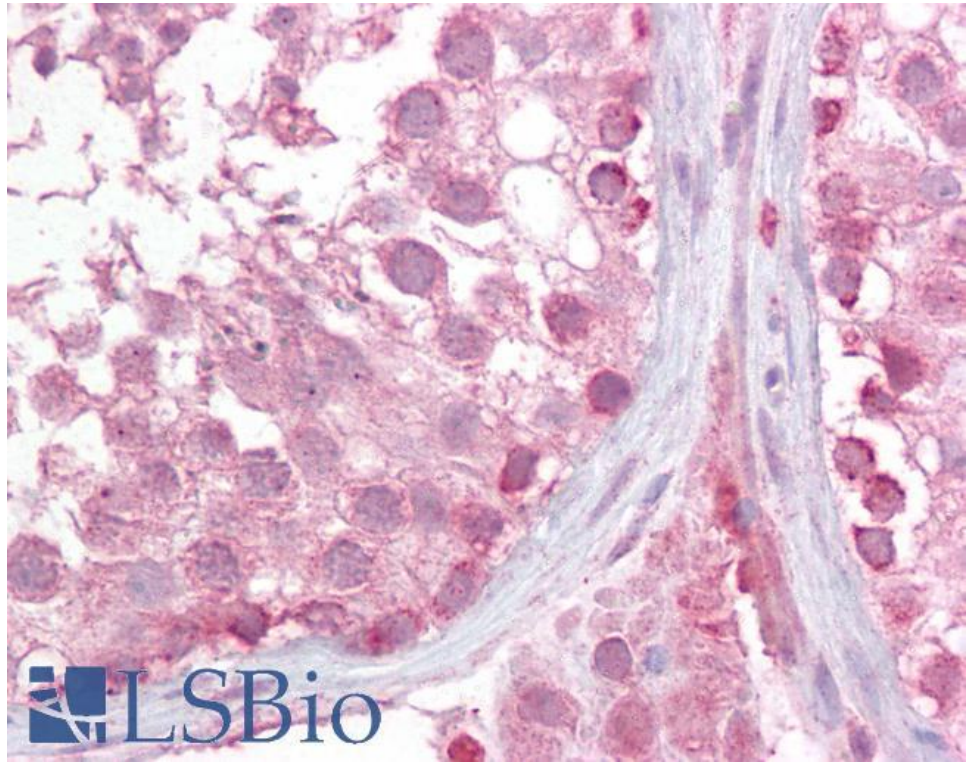
**Western blot:** Preliminary experiments gave an approx 100kDa band in Mouse Kidney lysates after 0.3µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 41.6kDa according to Human NP\_002307.1 and to Mouse NP\_034855.1. The 100kDa band was successfully blocked by incubation with the immunizing peptide.

**IHC:** Paraffin embedded Human Testis. Recommended concentration: 2.5µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Mouse, Rat



EB08844 (2.5µg/ml) staining of paraffin embedded Human Testis. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.