

Anti-LMX1B Antibody

Rabbit polyclonal antibody to LMX1B Catalog # AP59609

Product Information

Application WB, IP, IHC Primary Accession 060663

Reactivity Human, Pig, Bovine, Drosophila

Host Rabbit
Clonality Polyclonal
Calculated MW 44917

Additional Information

Gene ID 4010

Other Names LIM homeobox transcription factor 1-beta; LIM/homeobox protein 1.2;

LMX-1.2; LIM/homeobox protein LMX1B

Target/Specificity KLH-conjugated synthetic peptide encompassing a sequence within the center

region of human LMX1B. The exact sequence is proprietary.

Dilution WB~~WB (1/500 - 1/1000), IHC (1/100 - 1/200), IP (1/10 - 1/100) IP~~N/A

IHC~~WB (1/500 - 1/1000), IHC (1/100 - 1/200), IP (1/10 - 1/100)

Format Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30%

glycerol, and 0.09% (W/V) sodium azide.

Storage Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name LMX1B

Function Transcription factor involved in the regulation of podocyte- expressed genes

(PubMed:<u>24042019</u>, PubMed:<u>28059119</u>). Essential for the specification of

dorsal limb fate at both the zeugopodal and autopodal levels.

Cellular Location Nucleus {ECO:0000255|PROSITE-ProRule:PRU00108}.

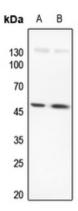
Tissue Location Expressed in most tissues. Highest levels in testis, thyroid, duodenum, skeletal

muscle, and pancreatic islets

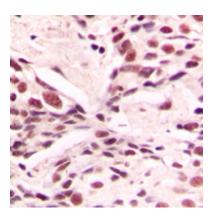
Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human LMX1B. The exact sequence is proprietary.

Images



Western blot analysis of LMX1B expression in Hela (A), H446 (B) whole cell lysates.



Immunohistochemical analysis of LMX1B staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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