

Rabbit anti-Human LMX1B Polyclonal Antibody | anti-LMX1B antibody

Anti-LMX1B Antibody, Rabbit Polyclonal

CATALOG # AAA256978	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
-------------------------------	-----------------------	----------------------------	---

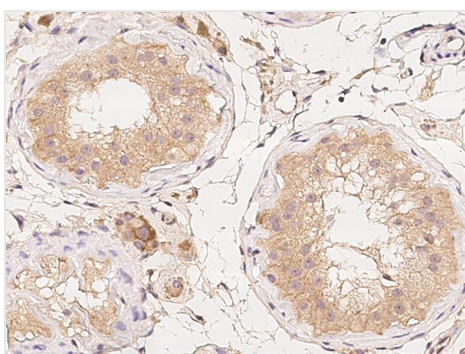
PRODUCT SYNONYMS

LMX1B; Polyclonal Antibody; Anti-LMX1B Antibody; Rabbit Polyclonal; LMX1B Antibody; Rabbit PAb; Antigen Affinity Purified; LIM homeobox transcription factor 1 beta; Anti-LMX1.2 Antibody; Anti-NPS1 Antibody; anti-LMX1B antibody

PRODUCT SPECIFICATIONS

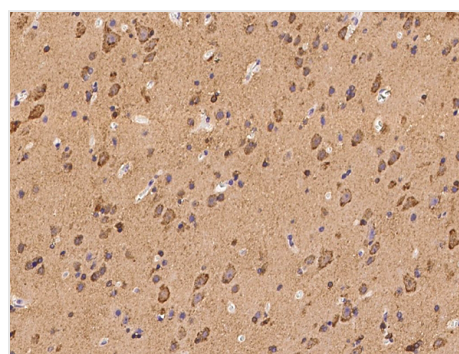
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human LMX1B
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-LMX1B antibody	IHC (Immunohistochemistry)
Immunogen	E Coli-derived Human LMX1B fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human LMX1B fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of human LMX1B in human testis with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human LMX1B in human brain with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-LMX1B antibody	LMX1B, a developmental LIM-homeodomain transcription factor, is widely expressed in vertebrate embryos, and it takes part in the development of diverse structures such as limbs, kidneys, eyes, brains, etc. LMX1B contributes to transcriptional regulation of glomerular basement membrane (GBM) collagen expression by podocytes. The normal function of podocytes and the normal morphology of GBM are very important to maintain the healthy renal filtration barrier. Nail-patella syndrome (NPS) is an autosomal-dominant disease caused by LMX1B mutations and is characterized by dysplastic nails, absent or hypoplastic patellae, elbow dysplasia, and iliac horns.
References	Zhou TB, et al. (2012) The signaling pathways of lmx1b and its role in glomerulosclerosis. J Recept Signal Transduct Res 32 (6): 285-289.Harita Y, et al. (2017) Spectrum of lmx1b mutations: From nail-patella syndrome to isolated nephropathy. Pediatr Nephrol 32 (10): 1845-1850.Fan L, et al. (2019) Lmx1b mrna expression and its gene body cpg methylation are valuable prognostic biomarkers for laryngeal squamous cell carcinoma. Biomed Pharmacother 117 109174.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/lmx1b-antibody-immunohistochemistry-elisa/256978>