e at -20C	Lmx1B (D1E2) Rabbit mAb	HE .	Cell Signaling
Store		Orders:	877-616-CELL (2355) orders@cellsignal.com
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#		3 Trask Lane Danvers	Massachusetts 01923 USA

Applications: WB	Reactivity: H	Sensitivity: Transfected Only	MW (kDa): 50	Source/Isotype: Rabbit IgG	UniProt ID: #O60663	Entrez-Gene lo 4010		
Product Usage Information		plication			Dilution			
	We	estern Blotting			1:1000			
Storage	Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 μ g/ml BSA, 50% glycerol and less than 0.02% sodium azide. Store at –20°C. Do not aliquot the antibody.							
Specificity / Sensitivity		Lmx1B (D1E2) Rabbit mAb recognizes transfected levels of total Lmx1B protein.						
Species predicted to react based on 100% sequence homology:		use, Rat						
Source / Purification		Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to residues near the carboxy terminus of human Lmx1B protein.						
Background		scription factors tha Numerous develop	t regulate develo mental studies sh ormal glomerular	mx1B) is a member of a pmental pattern formatic tow that Lmx1B is requir basement membrane de	n in both vertebrates ed for vertebrate dors	and invertebrates oventral limb		
	auto	osomal dominant dis al disease (2). Abno	sorder characteriz rmal developmer	ene have been associat zed by dysplasia of finge atal disorders such as de ociated with Lmx1B func	rnails, skeletal anoma velopmental glaucom	alies and, frequently,		
Background References		 Hobert, O. and Westphal, H. (2000) <i>Trends Genet</i> 16, 75-83. Dai, J.X. et al. (2009) <i>Dev Growth Differ</i> 51, 241-50. Yan, C.H. et al. (2011) <i>J Neurosci</i> 31, 12413-25. Gould, D.B. et al. (2004) <i>Int J Dev Biol</i> 48, 1015-29. Ramsden, D.B. et al. (2001) <i>Mol Pathol</i> 54, 369-80. 						
Species Reactivity		Species reactivity is determined by testing in at least one approved application (e.g., western blot).						
Western Blot Buffer		IMPORTANT: For western blots, incubate membrane with diluted primary antibody in 5% w/v BSA, 1X TBS, 0.1% Tween® 20 at 4°C with gentle shaking, overnight.						
Applications Key		WB: Western Blotting						
Cross-Reactivity K	X : X	H: human M: mouse R: rat Hm: hamster Mk: monkey Vir: virus Mi: mink C: chicken Dm: D. melanogaster X: Xenopus Z: zebrafish B: bovine Dg: dog Pg: pig Sc: S. cerevisiae Ce: C. elegans Hr: horse GP: Guinea Pig Rab: rabbit All: all species expected						
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Limited Uses
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Lmx1B (D1E2) Rabbit mAb (#13457) Datasheet Without Images Cell Signaling Technology

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