Revision 1	
រត្ត ស្តី IRX1 (D5S8Y) Rabbit mAb	
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Applications: W, IP	Reactivity: H M R	Sensitivity: Endogenous	MW (kDa): 50	Source/Isotype: Rabbit IgG	UniProt ID: #P78414	Entrez-Gene Id: 79192	
Product Usage Information	2	Application Western Blotting Immunoprecipitation			Dilution 1:1000 1:200		
Storage		Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 μg/ml BSA, 50% glycerol and less than 0.02% sodium azide. Store at –20°C. Do not aliguot the antibody.					
Specificity/Ser	nsitivity	IRX1 (D5S8Y) Rabbit mA	२४१ (D5S8Y) Rabbit mAb recognizes endogenous levels of total IRX1 protein.				
Source / Purification Monoclonal antibody is produced by immunizing animals with a synthetic peptide correspondence of human IRX1 protein.						prresponding to	
Background Background R	eferences	The Iroquois-class hom- identified in a mutagen patterning (1,2). Membe extension (TALE) homeo protein family, but whic interactions (3,4). Resea in early development, ir lung development, sin lung development, where the The human <i>IRX1</i> gene H hypermethylated in a n cell carcinoma cell lines pathway to regulate cel 1. Dambly-Chaudière, C 2. Leyns, L. et al. (1996) 3. Cavodeassi, F. et al. (2 4. Lai, E.C. et al. (1998) <i>I</i> 5. Bosse, A. et al. (1997) 6. Christoffels, V.M. et a 7. Marra, A.N. and Wing 8. Becker, M.B. et al. (2010) 10. Mahoney, S.E. et al. 11. Bennett, K.L. et al. (2	eodomain proteir esis experiment ir ers of the Iroquois odomain and an II h bears similarity irch studies in var ncluding neural pa . Moreover, studie ey are required for has been identifier umber of cancer s specifically sugge l proliferation and . and Leyns, L. (19 <i>Mech Dev</i> 59, 63- 2001) <i>Developmen</i> <i>Development</i> 125, <i>Mech Dev</i> 59, 163 I. (2000) <i>Dev Biol</i> gert, R.A. (2014) <i>Ce</i> 01) <i>Mech Dev</i> 59, 163 I. (2000) <i>Dev Biol</i> 2001) <i>Dev Dyn</i> 239, 32 (2012) <i>Epigenetic</i> 2008) <i>Cancer Res</i>	In S (IRX1-6) comprise a fa an Drosophila designed to class protein family con- RO sequence motif of ur- to Notch receptor dom- ious animal models sug- atterning, heart field spe- s in mice have shown ar- r the specification of or- d as a candidate tumor s- subtypes (11). Research s- subtypes (11).	mily of transcription of identify genes invi- ntain a three amino known function tha- ains involved in pro- gest important role cification, kidney d n essential role for I amatidia and photo suppressor (10) tha- studies in head and th components of t 91.	n factors, initially olved in embryonic acid loop at is unique to this tein-protein s for IRX proteins evelopment, and RX proteins in eye receptor cells (9). : is neck squamous he TGFβ signaling	
Species Reacti	vity	Species reactivity is dete	ermined by testin	g in at least one approve	ed application (e.g.,	western blot).	
Western Blot I	Buffer	IMPORTANT: For wester TBS, 0.1% Tween® 20 a	IPORTANT: For western blots, incubate membrane with diluted primary antibody in 5% w/v BSA, 1X 3S, 0.1% Tween® 20 at 4°C with gentle shaking, overnight.				
Applications K	ley	W: Western Blotting IP: Immunoprecipitation					
Cross-Reactivi	ty Key	H: Human M: Mouse R: Rat					
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