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IRX4 Antibody (C-Term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP22201b

Product Information

Application	WB, E
Primary Accession	P78413
Reactivity	Human, Mouse
Predicted	Rat, Bovine, Canine
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB56363
Calculated MW	54445

Additional Information

Gene ID	50805
Other Names	Iroquois-class homeodomain protein IRX-4, Homeodomain protein IRXA3, Iroquois homeobox protein 4, IRX4, IRXA3
Target/Specificity	This IRX4 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 107-141 amino acids from human IRX4.
Dilution	WB~~1:2000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	IRX4 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	IRX4
Synonyms	IRXA3
Function	Likely to be an important mediator of ventricular differentiation during cardiac development.

Cellular Location	Nucleus.
Tissue Location	Predominantly expressed in cardiac ventricles.

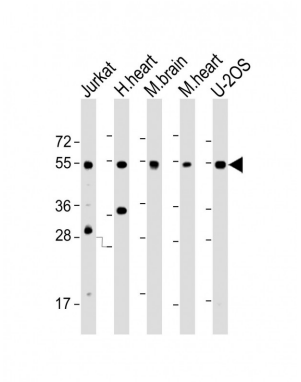
Background

Likely to be an important mediator of ventricular differentiation during cardiac development.

References

Bruneau B.G.,et al.Dev. Biol. 217:266-277(2000).
Hansen L.,et al.Submitted (JUL-2003) to the EMBL/GenBank/DDBJ databases.
Nguyen H.H.,et al.Hum. Mol. Genet. 21:2076-2085(2012).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Lewis M.T.,et al.Submitted (MAR-1997) to the EMBL/GenBank/DDBJ databases.

Images



All lanes : Anti-IRX4 Antibody (C-Term) at 1:2000 dilution Lane 1: Jurkat whole cell lysate Lane 2: human heart lysate Lane 3: mouse brain lysate Lane 4: mouse heart lysate Lane 5: U-2OS whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 54 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

Citations

- Induced cardiac progenitor cells repopulate decellularized mouse heart scaffolds and differentiate to generate cardiac tissue

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