10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

IRX4 Antibody (C-Term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP22201b

Specification

IRX4 Antibody (C-Term) - Product Information

Application	**WB,E**
Primary Accession	P78413
Reactivity	**Human, Mouse**
Host	**Rabbit**
Clonality	**polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**54445**

IRX4 Antibody (C-Term) - 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

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.

IRX4 Antibody (C-Term) - Protein Information

Name IRX4

Synonyms IRXA3

Function Likely to be an important mediator of ventricular differentiation during cardiac

development.

Cellular Location
Nucleus.

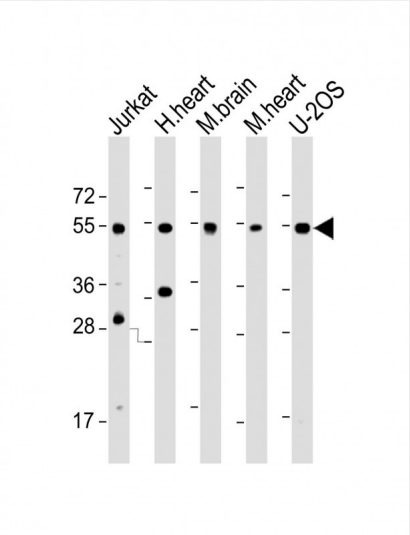
Tissue Location
Predominantly expressed in cardiac ventricles.

IRX4 Antibody (C-Term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

IRX4 Antibody (C-Term) - 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.

IRX4 Antibody (C-Term) - Background

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

IRX4 Antibody (C-Term) - 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.

IRX4 Antibody (C-Term) - Citations

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