

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

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.

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

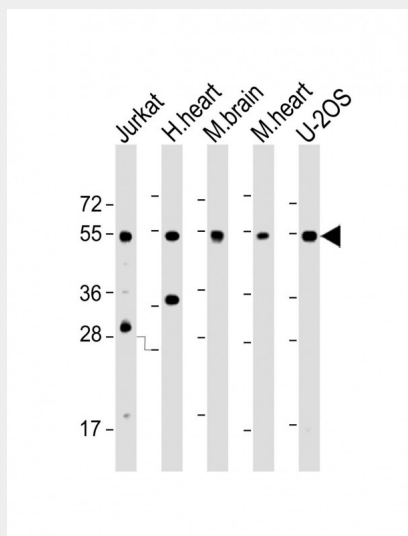
Predominantly expressed in cardiac ventricles.

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 Cytometry](#)
- [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](#)