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Irx5 antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI11161

Product Information

Application	WB
Primary Accession	Q9JKQ4
Other Accession	NM_018826, NP_061296
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Dog, Horse, Bovine
Predicted	Human, Mouse, Rat, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	50755

Additional Information

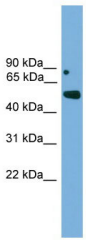
Gene ID	54352
Other Names	Iroquois-class homeodomain protein IRX-5, Homeodomain protein IRXB2, Iroquois homeobox protein 5, Irx5, Irxb2
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-Irx5 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	Irx5 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	Irx5
Synonyms	Irxb2
Function	Establishes the cardiac repolarization gradient by its repressive actions on the KCND2 potassium-channel gene. Required for retinal cone bipolar cell differentiation. May regulate contrast adaptation in the retina and control specific aspects of visual function in circuits of the mammalian retina. Involved in craniofacial and gonadal development (By similarity). Modulates the migration of progenitor cell populations in branchial arches and gonads by repressing CXCL12.
Cellular Location	Nucleus {ECO:0000255|PROSITE-ProRule:PRU00108}.

Tissue Location	Not expressed in the developing metanephric kidney or adult kidney

Images



WB Suggested Anti-Irx5 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:62500
Positive Control: NIH/3T3 cell lysate