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Anti-IRX3 Antibody

Catalog # AP60328

Product Information

Application	WB, IHC
Primary Accession	P78415
Reactivity	Human, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	52119

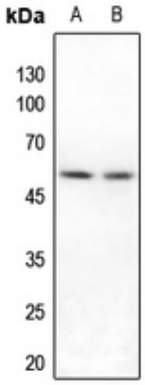
Additional Information

Gene ID	79191
Other Names	IRXB1; Iroquois-class homeodomain protein IRX-3; Homeodomain protein IRXB1; Iroquois homeobox protein 3
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human IRX3. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000), IHC (1/100 - 1/200) IHC~~WB (1/500 - 1/1000), IHC (1/100 - 1/200)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

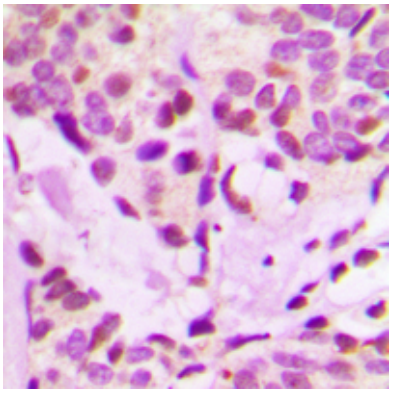
Protein Information

Name	IRX3
Synonyms	IRXB1
Function	Transcription factor involved in SHH-dependent neural patterning. Together with NKX2-2 and NKX6-1 acts to restrict the generation of motor neurons to the appropriate region of the neural tube. Belongs to the class I proteins of neuronal progenitor factors, which are repressed by SHH signals. Involved in the transcriptional repression of MNX1 in non-motor neuron cells. Acts as a regulator of energy metabolism.
Cellular Location	Nucleus.

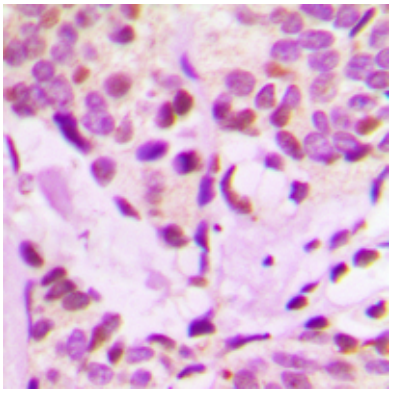
Images



Western blot analysis of IRX3 expression in Hela (A), A549 (B) whole cell lysates. (Predicted band size: 52 kD; Observed band size: 52 kD)



Immunohistochemical analysis of IRX3 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



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