

Iroquois homeobox protein 3 Rabbit pAb

Catalog # AP99367

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	P78415
Other Accession	P78415
Host	Rabbit
Clonality	Polyclonal
Calculated MW	52119
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human Iroquois homeobox protein 3
Epitope Specificity	401-501/501
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the TALE/IRO homeobox family.Contains 1 homeobox DNA-binding domain.
SUBUNIT	Belongs to the TALE/IRO homeobox family.Contains 1 homeobox DNA-binding domain.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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.

Additional Information

Gene ID	79191
Other Names	IRX-1; IRXB1; IRX3_HUMAN; IRX3; Homeodomain protein IRXB1; Iroquois homeobox protein 3; iroquois homeobox 3
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	IRX3
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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.

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