

IRX3 Antibody (aa271-320)
Rabbit Polyclonal Antibody
Catalog # ALS14647**Specification**

IRX3 Antibody (aa271-320) - Product Information

Application	IHC
Primary Accession	P78415
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	52kDa KDa

IRX3 Antibody (aa271-320) - Additional Information**Gene ID** 79191**Other Names**

Iroquois-class homeodomain protein IRX-3, Homeodomain protein IRXB1, Iroquois homeobox protein 3, IRX3, IRXB1

Target/Specificity

IRX3 Antibody detects endogenous levels of total IRX3 protein.

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

Precautions

IRX3 Antibody (aa271-320) is for research use only and not for use in diagnostic or therapeutic procedures.

IRX3 Antibody (aa271-320) - 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.

Volume

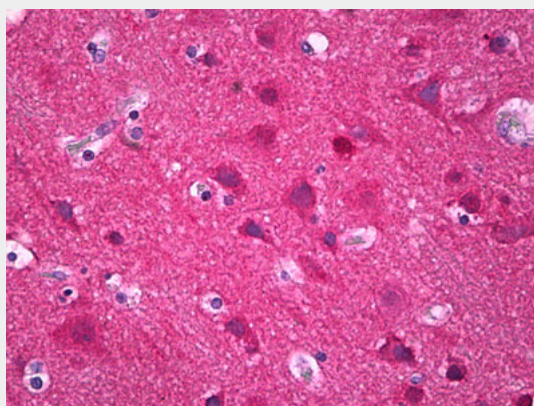
50 µl

IRX3 Antibody (aa271-320) - 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](#)

IRX3 Antibody (aa271-320) - Images



Anti-IRX3 antibody IHC of human brain, cortex neurons.

IRX3 Antibody (aa271-320) - Background

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 (By similarity).

IRX3 Antibody (aa271-320) - References

Hansen L., et al. Submitted (JUL-2003) to the EMBL/GenBank/DDBJ databases.
Lewis M.T., et al. Submitted (MAR-1997) to the EMBL/GenBank/DDBJ databases.