

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

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**IRX3 Antibody (aa271-320) - Product Information**

Application	IHC
Primary Accession	<a href="#">P78415</a>
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**

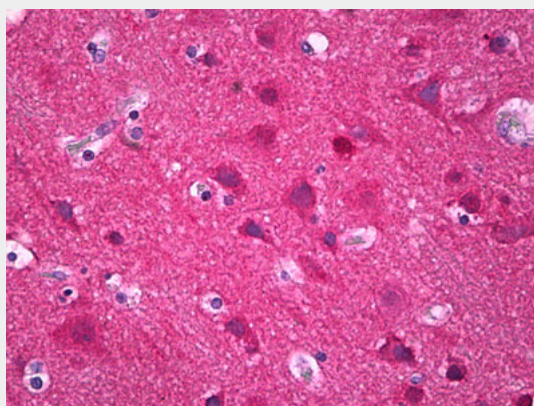
50 µl

### **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.