

ARG66166 anti-IRX3 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes IRX3
Tested Reactivity	Hu, Ms
Tested Application	IHC-P
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	IRX3
Species	Human
Immunogen	Synthetic peptide around aa. 240 - 320 (Center) of Human IRX3.
Conjugation	Un-conjugated
Alternate Names	IRX-1; Homeodomain protein IRXB1; Iroquois-class homeodomain protein IRX-3; IRXB1; Iroquois homeobox protein 3

Application Instructions

Application table	Application	Dilution
	IHC-P	1:100 - 1:300
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

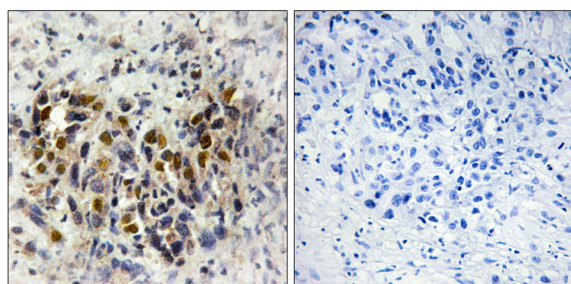
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS, 0.02% Sodium azide, 50% Glycerol and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol and 0.5% BSA
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 16373 Mouse GeneID: 79191 Human Swiss-port # P78415 Human Swiss-port # P81067 Mouse
Gene Symbol	IRX3
Gene Full Name	iroquois homeobox 3
Background	IRX3 is a member of the Iroquois homeobox gene family (see IRX1; MIM 606197) and plays a role in an early step of neural development (Bellefroid et al., 1998 [PubMed 9427753]). Members of this family appear to play multiple roles during pattern formation of vertebrate embryos (Lewis et al., 1999 [PubMed 10370142]).[supplied by OMIM, Aug 2009]
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 (By similarity). [UniProt]
Calculated Mw	52 kDa
Cellular Localization	Nucleus

Images



Antigen

-

+

ARG66166 anti-IRX3 antibody

Immunohistochemistry: Paraffin-embedded Human breast carcinoma stained with ARG66166 anti-IRX3 antibody (left) at 1:50 dilution, or the same antibody pre-incubated with antigen (right).