IRX1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	IRX1, Polyclonal Antibody
Full Product Name	Rabbit anti-IRX1 Antibody
Product Gene Name	anti-IRX1 antibody
Product Synonym Names	IRXA1; Iroquois-class homeodomain protein IRX-1; Homeodomain protein IRXA1; Iroquois homeobox protein 1
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Monkey
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Concentration	1mg/mL (lot specific)
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.
Molecular Weight	49,621 Da
Chromosome Location	Chromosome: 5; NC_000005.9 (3596168..3601517). Location: 5p15.3
OMIM	606197
3D Structure	ModBase 3D Structure for P78414
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human IRX1. The exact sequence is proprietary.
Product Categories/Family for anti-IRX1 antibody	Primary antibodies
ISO Certification	Manufactured in an ISO 13485:2003 and EN ISO 13485:2012 Certified Laboratory.
Applications Tested/Suitable for anti-IRX1 antibody	Western Blot (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunochemistry (IC)
Application Notes for anti-IRX1 antibody	WB: 1:500-1:1000 IHC: 1:50-1:200 IF:IC: 1:50-1:200
Related Product Information for anti-IRX1 antibody	MBS4513699 is an antibody targeting IRX1. Also known as Rabbit anti-IRX1 Antibody. Reactive in Human, Monkey. Host: Rabbit.
Other Notes	Small volumes of anti-IRX1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for IRX1. It may not necessarily be applicable to this product.

NCBI GI #	51479177
NCBI GeneID	79192

NCBI Accession #	NP_077313.3
UniProt Primary Accession #	P78414
UniProt Secondary Accession #	Q7Z2F8; Q8N312
UniProt Related Accession #	P78414
GenBank Nucleotide #	NM_024337.3
NCBI Official Full Name	iroquois-class homeodomain protein IRX-1
NCBI Official Synonym Full Names	iroquois homeobox 1
NCBI Official Symbol	IRX1
NCBI Official Synonym Symbols	IRX-5; IRXA1
UniProt Protein Name	Iroquois-class homeodomain protein IRX-1
UniProt Synonym Protein Names	Homeodomain protein IRXA1; Iroquois homeobox protein 1
Protein Family	Iroquois-class homeodomain protein
UniProt Gene Name	IRX1
UniProt Synonym Gene Names	IRXA1
UniProt Entry Name	IRX1_HUMAN
NCBI Protein Information	iroquois-class homeodomain protein IRX-1; homeodomain protein IRXA1; iroquois homeobox protein 1
NCBI Summary for IRX1	This gene encodes a member of the Iroquois homeobox protein family. Homeobox genes in this family are involved in pattern formation in the embryo. The gene product has been identified as a tumor suppressor in gastric (PMID: 21602894, 20440264) and head and neck cancers (PMID: 18559491). A pseudogene of this gene is located on chromosome 13. [provided by RefSeq, Dec 2011]
UniProt Comments for IRX1	IRX1: a member of the Iroquois homeobox protein family. Homeobox genes in this family are involved in pattern formation in the embryo. The gene product has been identified as a tumor suppressor in gastric (PMID: 21602894, 20440264) and head and neck cancers (PMID: 18559491). A pseudogene of this gene is located on chromosome 13. [provided by RefSeq, Dec 2011] Protein type: DNA-binding Chromosomal Location of Human Ortholog: 5p15.3 Cellular Component: nucleus Molecular Function: sequence-specific DNA binding Biological Process: regulation of transcription, DNA-dependent
Research Articles on IRX1	**1.** Helicobacter pylori infection contributes to IRX1 promoter methylation in gastric mucosa.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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