

## IRX2 Polyclonal Antibody

<b>Catalog No :</b>	YT2413
<b>Reactivity :</b>	Human;Rat;Mouse;
<b>Applications :</b>	WB;IHC;IF;ELISA
<b>Target :</b>	IRX2
<b>Gene Name :</b>	IRX2
<b>Protein Name :</b>	Iroquois-class homeodomain protein IRX-2
<b>Human Gene Id :</b>	153572
<b>Human Swiss Prot No :</b>	Q9BZ11
<b>Mouse Swiss Prot No :</b>	P81066
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from human IRX2. AA range:231-280
<b>Specificity :</b>	IRX2 Polyclonal Antibody detects endogenous levels of IRX2 protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500 - 1:2000. IHC 1:100 - 1:300. IF 1:200 - 1:1000. ELISA: 1:20000. Not yet tested in other applications.
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Observed Band :</b>	50kD

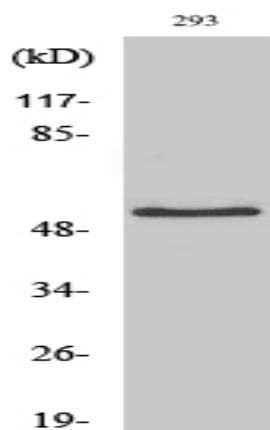
**Background :** IRX2 is a member of the Iroquois homeobox gene family. Members of this family appear to play multiple roles during pattern formation of vertebrate embryos.[supplied by OMIM, Apr 2004],

**Function :** similarity:Belongs to the TALE/IRO homeobox family.,similarity:Contains 1 homeobox DNA-binding domain.,

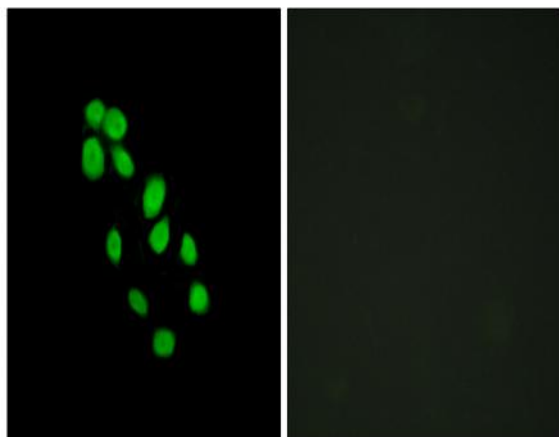
**Subcellular Location :** Nucleus .

**Expression :** Kidney,Lung,

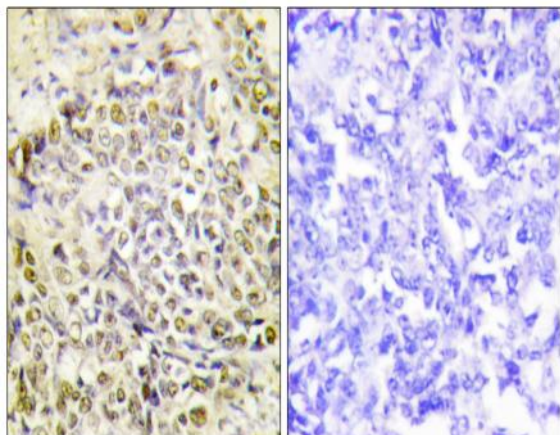
## Products Images



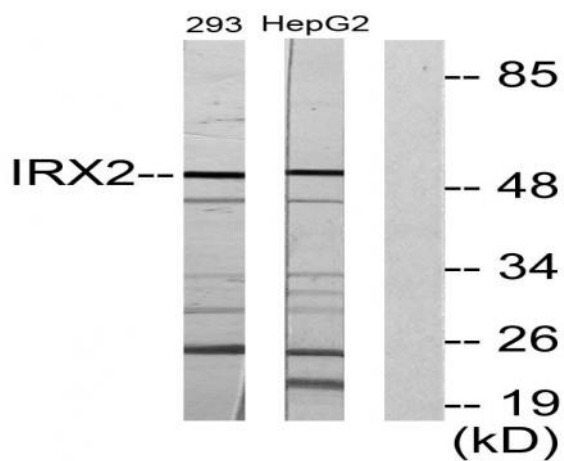
Western Blot analysis of various cells using IRX2 Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA).



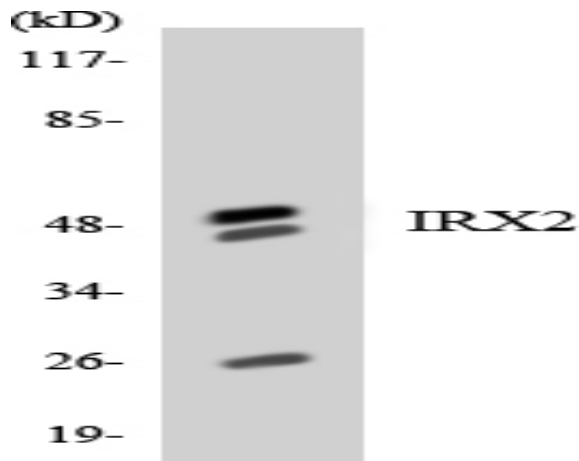
Immunofluorescence analysis of HepG2 cells, using IRX2 Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using IRX2 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from 293 and HepG2 cells, using IRX2 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HeLa cells using IRX2 antibody.