

## IRX2 Rabbit pAb

CatalogNo: YT2413

### | Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse

#### Applications

- WB, IHC, IF, ELISA

#### MW

- 50kD (Observed)

#### Isotype

- IgG

### | Recommended Dilution Ratios

**WB 1:500-1:2000**

**IHC 1:100-1:300**

**IF 1:200-1:1000**

**ELISA 1:20000**

**Not yet tested in other applications.**

### | Storage

**Storage\*** -15°C to -25°C/1 year (Do not lower than -25°C)

**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### | Basic Information

**Clonality** Polyclonal

### | Immunogen Information

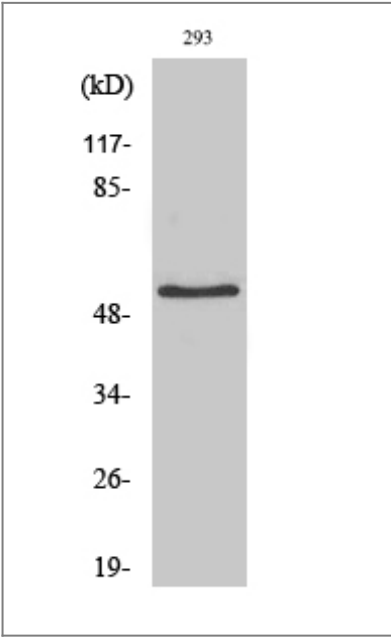
**Immunogen** The antiserum was produced against synthesized peptide derived from human IRX2. AA range: 231-280

**Specificity** IRX2 Polyclonal Antibody detects endogenous levels of IRX2 protein.

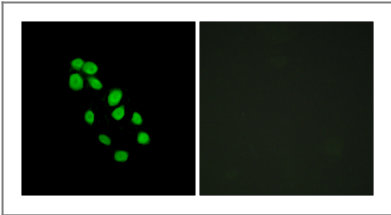
## Target Information

|                       |                                                                                                         |                          |                          |
|-----------------------|---------------------------------------------------------------------------------------------------------|--------------------------|--------------------------|
| Gene name             | IRX2                                                                                                    |                          |                          |
| Protein Name          | Iroquois-class homeodomain protein IRX-2                                                                |                          |                          |
|                       | Organism                                                                                                | Gene ID                  | UniProt ID               |
|                       | Human                                                                                                   | <a href="#">153572</a> ; | <a href="#">Q9BZL1</a> ; |
|                       | Mouse                                                                                                   |                          | <a href="#">P81066</a> ; |
| Cellular Localization | Nucleus .                                                                                               |                          |                          |
| Tissue specificity    | Kidney,Lung,                                                                                            |                          |                          |
| Function              | similarity:Belongs to the TALE/IRO homeobox family.,similarity:Contains 1 homeobox DNA-binding domain., |                          |                          |

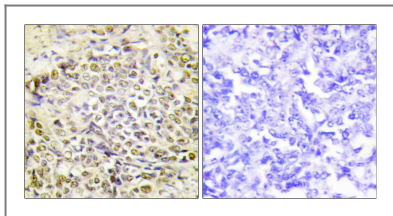
## Validation Data



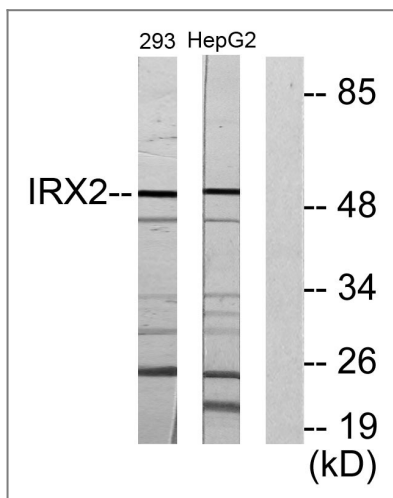
Western Blot analysis of various cells using IRX2 Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003,Inventbiotech,MN,USA).



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.

## Contact information

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Please scan the QR code to access additional product information:  
**IRX2 Rabbit pAb**

For Research Use Only. Not for Use in Diagnostic Procedures.

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