# PDX1 Polyclonal Antibody

**Catalog No.** E-AB-15824

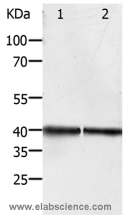
***Note:*** Centrifuge before opening to ensure complete recovery of vial contents.

## Description

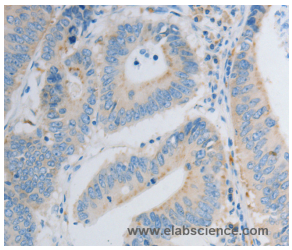
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|---|---|
| **Reactivity** | Human,Mouse,Rat |
| **Immunogen** | Synthetic peptide of human PDX1 |
| **Host** | Rabbit |
| **Isotype** | IgG |
| **Purification** | Affinity purification |
| **Conjugation** | Unconjugated |
| **Buffer** | PBS with 0.05% sodium azide and 50% glycerol, PH7.4 |

| Applications | Recommended Dilution |
|---|---|
| **WB** | 1:500-1:2000 |
| **IHC** | 1:15-1:50 |

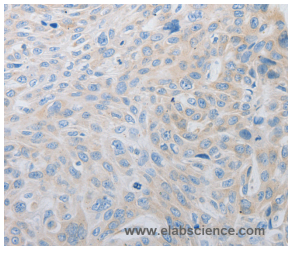
## Data




Western Blot analysis of Hela and Jurkat cell using PDX1 Polyclonal Antibody at dilution of 1:450
**Calculated Mw:31kDa**




Immunohistochemistry of paraffin-embedded Human colon cancer using PDX1 Polyclonal Antibody at dilution of 1:30




Immunohistochemistry of paraffin-embedded Human esophagus cancer using PDX1 Polyclonal Antibody at dilution of 1:30

## Preparation & Storage

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|---|---|
| **Storage** | Store at -20℃. Avoid freeze / thaw cycles. |

## Background



Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Fax: 1-832-243-6017
Web: www.elabscience.com Email: techsupport@elabscience.com

The protein encoded by this gene is a transcriptional activator of several genes, including insulin, somatostatin, glucokinase, islet amyloid polypeptide, and glucose transporter type 2. The encoded nuclear protein is involved in the early development of the pancreas and plays a major role in glucose-dependent regulation of insulin gene expression. Defects in this gene are a cause of pancreatic agenesis, which can lead to early-onset insulin-dependent diabetes mellitus (NIDDM), as well as maturity onset diabetes of the young type 4 (MODY4).



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