

## PDX1

**Reactivity:** Mouse

**Tested applications:** WB

**Recommended Dilution:** WB 1:500 - 1:1000

**Calculated MW:** 31kDa

**Observed MW:** Refer to Figures

**Immunogen:**

A synthetic peptide of human PDX1

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Concentration:**

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**Synonym:**

GSF;IPF1;IUF1;IDX-1;MODY4;PDX-1;STF-1;

**Catalog #:** A3070

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 3651

**Isotype:** IgG

**Swiss Prot:** P52945

**Purity:** Affinity purification

For research use only.

**Background:**

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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