

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:

k

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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