

# IPF Antibody (S66)

Affinity Purified Rabbit Polyclonal Antibody (Pab)  
Catalog # AP7740e

## Product Information

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<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">P52945</a>
<b>Other Accession</b>	<a href="#">P52947</a> , <a href="#">P52946</a>
<b>Reactivity</b>	Human, Rat, Mouse
<b>Predicted</b>	Mouse, Rat
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Antigen Region</b>	43-72

## Additional Information

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<b>Other Names</b>	Pancreas/duodenum homeobox protein 1, PDX-1, Glucose-sensitive factor, GSF, Insulin promoter factor 1, IPF-1, Insulin upstream factor 1, IUF-1, Islet/duodenum homeobox-1, IDX-1, Somatostatin-transactivating factor 1, STF-1, PDX1, IPF1, STF1
<b>Target/Specificity</b>	This IPF antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 43-72 amino acids from human IPF.
<b>Dilution</b>	WB~~1:1000 E~~Use at an assay dependent concentration.
<b>Format</b>	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Precautions</b>	IPF Antibody (S66) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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### Background

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IPF is a transcriptional activator of several genes, including insulin, somatostatin, glucokinase, islet amyloid polypeptide, and glucose transporter type 2. This 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).

## References

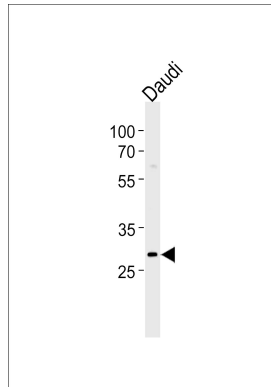
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Ma,J., Carcinogenesis 29 (7), 1327-1333 (2008)

Watada,H., Biochem. Biophys. Res. Commun. 229 (3), 746-751 (1996)

## Images

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Ipf Antibody (pS66) (Cat. #AP7740e) western blot analysis in Daudi cell line lysates (35ug/lane). This demonstrates the PDX1 antibody detected the PDX1 protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.