

**Anti-PDX1 Antibody (aa198-213)**  
**Rabbit Anti Human Polyclonal Antibody**  
**Catalog # ALS17605****Specification**

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**Anti-PDX1 Antibody (aa198-213) - Product Information**

Application	IHC-P, E
Primary Accession	<a href="#">P52945</a>
Predicted	Human, Rabbit, Monkey
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	30771

**Anti-PDX1 Antibody (aa198-213) - Additional Information****Gene ID** 3651**Alias Symbol** **PDX1****Other Names**

PDX1, Glucose-sensitive factor, Insulin upstream factor 1, IPF1, Insulin promoter factor 1, IPF-1, IUF-1, STF-1, GSF, IDX-1, Islet/duodenum homeobox-1, IUF1, MODY4, PDX-1

**Target/Specificity**

Recognizes human Pdx1. Species cross-reactivity: rodent.

**Reconstitution & Storage**

Immunoaffinity purified

**Precautions**

Anti-PDX1 Antibody (aa198-213) is for research use only and not for use in diagnostic or therapeutic procedures.

**Anti-PDX1 Antibody (aa198-213) - Protein Information****Name** PDX1**Synonyms** IPF1, STF1**Function**

Activates insulin, somatostatin, glucokinase, islet amyloid polypeptide and glucose transporter type 2 gene transcription. Particularly involved in glucose-dependent regulation of insulin gene transcription. As part of a PDX1:PBX1b:MEIS2b complex in pancreatic acinar cells is involved in the transcriptional activation of the ELA1 enhancer; the complex binds to the enhancer B element and cooperates with the transcription factor 1 complex (PTF1) bound to the enhancer A element. Binds preferentially the DNA motif 5'-[CT]TAAT[TG]-3'. During development, specifies the early pancreatic epithelium, permitting its proliferation, branching and subsequent differentiation. At adult stage, required for maintaining the hormone-producing phenotype of the beta-cell.

**Cellular Location**

Nucleus. Cytoplasm, cytosol.

**Tissue Location**

Duodenum and pancreas (Langerhans islet beta cells and small subsets of endocrine non-beta-cells, at low levels in acinar cells)

**Anti-PDX1 Antibody (aa198-213) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Anti-PDX1 Antibody (aa198-213) - Images**