

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

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

Application	IHC-P, E
Primary Accession	P52945
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