

32-6200: Polyclonal Rabbit Anti Pancreas Duodenum Homeobox-1

Clonality :	Polyclonal
Application :	WB,IHC
Gene :	PDX1
Gene ID :	3651
Uniprot ID :	P52945
Format :	Purified
Alternative Name :	IPF1,IUF1,IDX-1,MODY4,PDX1,STF-1,Insulin promoter factor 1,Pancreas Duodenum Homeobox-1.
Isotype :	Rabbit IgG
Immunogen Information :	Recombinant PDX1 E.Coli derived.

Description

PDX1 activates insulin, somatostatin, glucokinase, islet amyloid polypeptide and glucose transporter type 2 gene transcription. IPF1 is particularly involved in glucose-dependent regulation of insulin gene transcription. Pancreas Duodenum Homeobox-1 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, it is required for maintaining the hormone-producing phenotype of the beta-cell.

Product Info

Amount :	50 µl
Content :	
Storage condition :	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Western Blot: 1:1,000, Immunohistochemistry: 1:500, Optimal working dilutions must be determined by end user. Routinely evaluated by western blot on lysates of rat pancreatic cell line INS-1.