

## PDX1 Conjugated Antibody

Catalog No: #C49689



Package Size: #C49689-AF350 100ul #C49689-AF405 100ul #C49689-AF488 100ul  
 #C49689-AF555 100ul #C49689-AF594 100ul #C49689-AF647 100ul  
 #C49689-AF680 100ul #C49689-AF750 100ul #C49689-Biotin 100ul

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## Description

Product Name	PDX1 Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu
Immunogen Description	Recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	Glucose sensitive factor antibody Glucose-sensitive factor antibody GSF antibody IDX 1 antibody IDX-1 antibody IDX1 antibody Insulin promoter factor 1 antibody Insulin promoter factor 1 homeodomain transcription factor antibody Insulin upstream factor 1 antibody IPF 1 antibody IPF-1 antibody IPF1 antibody Islet/duodenum homeobox 1 antibody Islet/duodenum homeobox-1 antibody IUF 1 antibody IUF-1 antibody IUF1 antibody MODY4 antibody Pancreas/duodenum homeobox 1 antibody Pancreas/duodenum homeobox protein 1 antibody pancreatic and duodenal homeobox P antibody PDX 1 antibody PDX-1 antibody PDX1 antibody PDX1_HUMAN antibody Somatostatin transactivating factor 1 antibody Somatostatin-transactivating factor 1 antibody STF 1 antibody STF-1 antibody STF1 antibody
Accession No.	Swiss-Prot#:P52945
Uniprot	P52945
GeneID	3651;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

## Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

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## Background

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Activates insulin, somatostatin, glucokinase, islet amyloid polypeptide and glucose transporter type 2 gene transcription. Particularly involved in glucose-dependent regulation of insulin gene transcription. 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.

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Note: This product is for in vitro research use only