

Rabbit anti-Human PDX1 Monoclonal Antibody | anti-PDX1 antibody

PDX1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312559	Rabbit	Human	Immunofluorescence, Immunocytochemistry, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

PDX1; Monoclonal Antibody; PDX1 Antibody; 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; anti-PDX1 antibody

PRODUCT SPECIFICATIONS

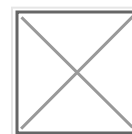
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-PDX1 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



IF (Immunofluorescence)

IF analysis of paraffin-embedded human pancreas tissue using anti-PDX1 antibody (green) and DAPI (blue). The nuclear counter stain is DAPI (blue).



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human pancreas tissue using anti-PDX1 antibody. Counter stained with hematoxylin.

ADDITIONAL INFORMATION

Related Product Information for anti-PDX1 antibody	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[CG]-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.
Product Categories/Family for anti-PDX1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557673
NCBI GeneID	3651
NCBI Accession #	NP_000200.1
NCBI GenBank Nucleotide #	NM_000209.3
UniProt Accession #	P52945; O60594; Q5VYW2
Molecular Weight	30,771 Da
NCBI Official Full Name	pancreas/duodenum homeobox protein 1
NCBI Official Synonym Full Names	pancreatic and duodenal homeobox 1
NCBI Official Symbol	PDX1
NCBI Official Synonym Symbols	GSF; IPF1; IUF1; IDX-1; MODY4; PDX-1; STF-1
NCBI Protein Information	pancreas/duodenum homeobox protein 1; IPF-1; IUF-1; glucose-sensitive factor; insulin upstream factor 1; islet/duodenum homeobox-1; somatostatin transcription factor 1; pancreatic-duodenal homeobox factor 1; somatostatin-transactivating factor 1; insulin
UniProt Protein Name	Pancreas/duodenum homeobox protein 1
UniProt Gene Name	PDX1
UniProt Synonym Gene Names	IPF1; STF1; PDX-1; GSF; IPF-1; IUF-1; IDX-1; STF-1
UniProt Entry Name	PDX1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/pdx1-antibody-immunofluorescence-immunocytochemistry-immunohistochemistry-western-blot-elisa/312559>