

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

Anti-PDX1 Antibody, Rabbit Polyclonal

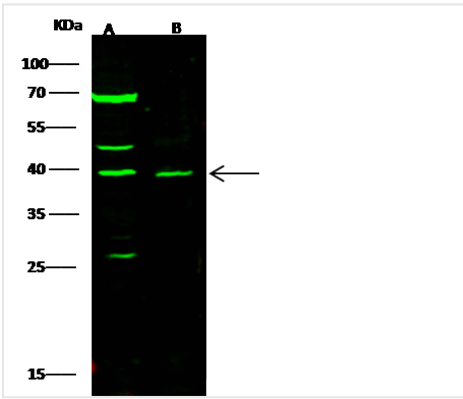
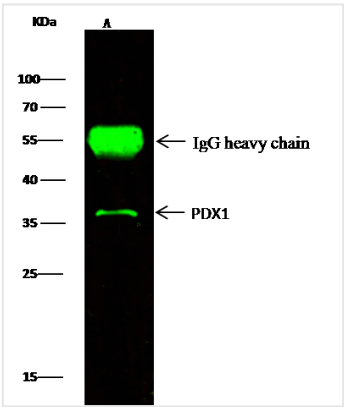
CATALOG # AAA254225	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

PDX1; Polyclonal Antibody; Anti-PDX1 Antibody; Rabbit Polyclonal; PDX1 Antibody; Rabbit PAb; Antigen Affinity Purified; pancreatic and duodenal homeobox 1; Anti-GSF Antibody; Anti-IDX-1 Antibody; Anti-IPF1 Antibody; Anti-IUF1 Antibody; Anti-MODY4 Antibody; Anti-PAGEN1 Antibody; Anti-PDX-1 Antibody; Anti-STF-1 Antibody; anti-PDX1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human PDX1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-PDX1 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to the N-terminus of the human PDX1
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with A synthetic peptide corresponding to the N-terminus of the human PDX1, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.



IP (Immunoprecipitation)
PDX1 was immunoprecipitated using: Lane A: 0.5 mg MCF-7 Whole Cell Lysate 0.5 uL anti-PDX1 rabbit polyclonal antibody and 15 ul of 50 % Protein G agarose. Primary antibody: Anti-PDX1 rabbit polyclonal antibody, at 1:500 dilution. Secondary antibody: Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 38 kDa. Observed band size: 38 kDa.

WB (Western Blot)
Anti-PDX1 rabbit polyclonal antibody at 1:500 dilution. Lane A: Jurkat Whole Cell Lysate. Lane B: Caco-2 Whole Cell Lysate. Lysates/proteins at 30 ug per lane. Secondary: Goat Anti-Rabbit IgG H&L (Dylight 800) at 1/10000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 30 kDa. Observed band size: 38 kDa. (We are unsure as to the identity of these extra bands.)

ADDITIONAL INFORMATION

Related Product Information for anti-PDX1 antibody	Pancreatic duodenum homeobox protein-1 (PDX1) is a master regulatory gene in pancreatic development. Pancreatic and duodenal homeobox 1 (PDX1), which is a homeodomain-containing transcription factor and a key regulator for insulin gene expression, beta cell maturation and proper beta cell function maintenance in the pancreas. PDX1 (pancreatic and duodenal homeobox 1) is overexpressed in pancreatic cancer, and its reduction results in tumor regression.
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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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/pdx1-antibody-immunoprecipitation-western-blot-elisa/254225>