Datasheet for ABIN7441508

anti-PDX1 antibody (AA 1-284)

5 Images

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Overview

Quantity:	100 µL
Target:	PDX1
Binding Specificity:	AA 1-284
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PDX1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Insulin Promoter Factor 1 (IPF)
Immunogen:	Recombinant Insulin Promoter Factor 1 (IPF) corresdonding to Met1~Arg284 with N-terminal His and GST Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against IPF. It has been selected for its ability to recognize IPF in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

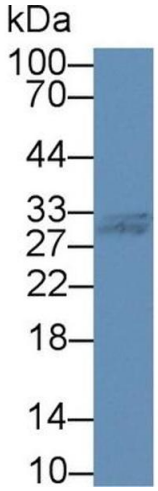
Target:	PDX1
Alternative Name:	Insulin Promoter Factor 1 (PDX1 Products)
Background:	IDX1, STF1, MODY4, PDX1, GSF, IUF1, Pancreatic And Duodenal Homeobox 1, Somatostatin Transcription Factor 1, Glucose-sensitive factor, Insulin upstream factor 1
Pathways:	Nuclear Receptor Transcription Pathway, Positive Regulation of Peptide Hormone Secretion, Steroid Hormone Mediated Signaling Pathway, Hormone Transport, Carbohydrate Homeostasis , Chromatin Binding, Maintenance of Protein Location

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

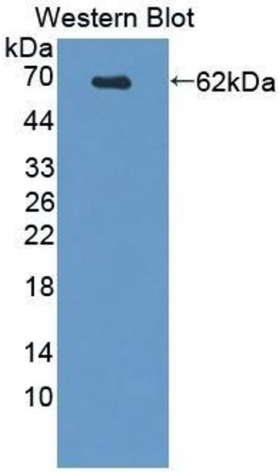
Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



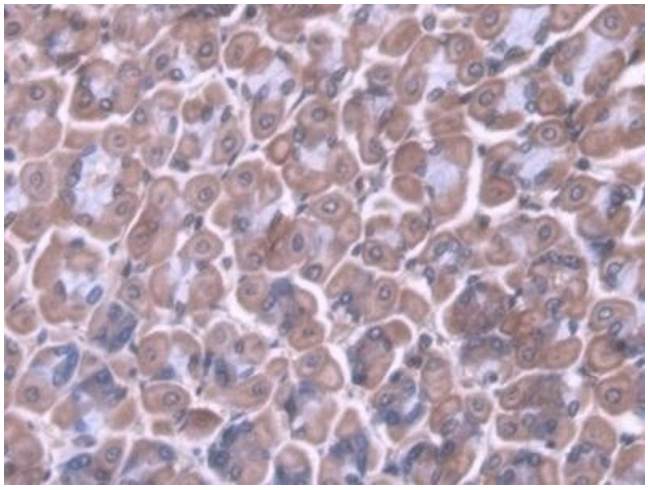
Western Blotting

Image 1. Detection of IPF in Mouse Small intestine lysate using Polyclonal Antibody to Insulin Promoter Factor 1 (IPF)



Western Blotting

Image 2. Detection of Recombinant IPF, Mouse using Polyclonal Antibody to Insulin Promoter Factor 1 (IPF)



Immunohistochemistry

Image 3. Detection of IPF in Mouse Stomach Tissue using Polyclonal Antibody to Insulin Promoter Factor 1 (IPF)

Please check the product details page for more images. Overall 5 images are available for ABIN7441508.