

Datasheet for ABIN7436078
anti-UCP1 antibody (AA 179-296)

5 Images

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Overview

Quantity:	100 µL
Target:	UCP1
Binding Specificity:	AA 179-296
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UCP1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Uncoupling Protein 1, Mitochondrial (UCP1)
Immunogen:	Recombinant Uncoupling Protein 1, Mitochondrial (UCP1) corresponding to Pro179~Leu296 (Accession # P04633)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against UCP1. It has been selected for its ability to recognize UCP1 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

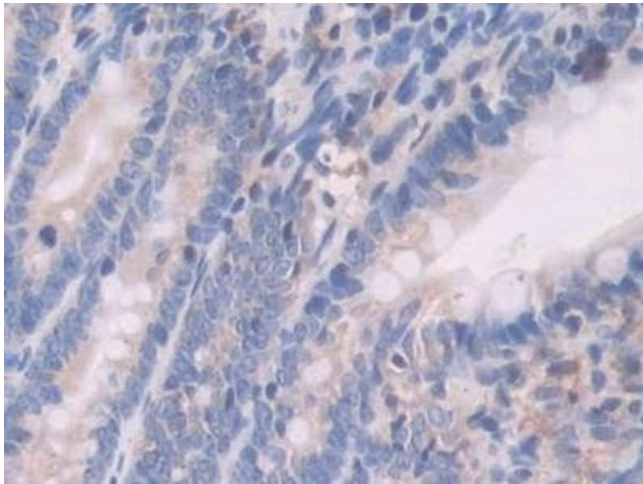
Target:	UCP1
Alternative Name:	Uncoupling Protein 1, Mitochondrial (UCP1 Products)
Background:	SLC25A7, UCP, Thermogenin, Solute carrier family 25 member 7
Pathways:	Proton Transport , Brown Fat Cell Differentiation

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:140-560 Immunohistochemistry: 5-20 µg/mL 1:14-56 Immunocytochemistry: 5-20 µg/mL 1:14-56 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

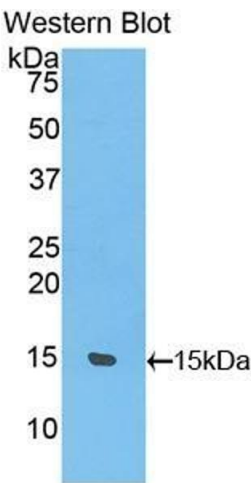
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: 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



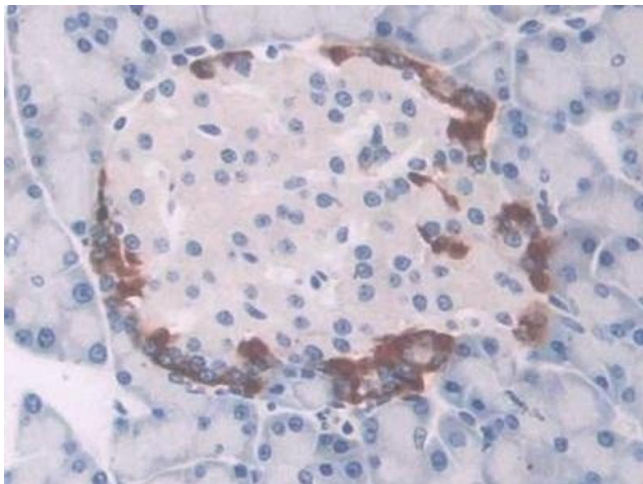
Immunohistochemistry

Image 1. Detection of UCP1 in Rat Small intestine Tissue using Polyclonal Antibody to Uncoupling Protein 1, Mitochondrial (UCP1)



Western Blotting

Image 2. Detection of Recombinant UCP1, Rat using Polyclonal Antibody to Uncoupling Protein 1, Mitochondrial (UCP1)



Immunohistochemistry

Image 3. Detection of UCP1 in Rat Pancreas Tissue using Polyclonal Antibody to Uncoupling Protein 1, Mitochondrial (UCP1)

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7436078.