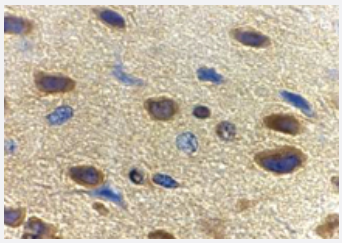
ADIPOQ polyclonal antibody

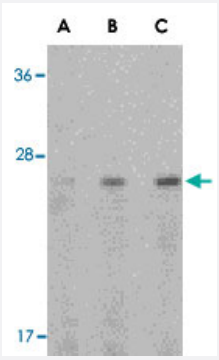
Catalog # PAB13150 Size 100 ug

Applications



Immunohistochemistry

Immunohistochemical staining of rat brain tissue with 10 ug/mL ADIPOQ polyclonal antibody (Cat # PAB13150).



Western Blot (Cell lysate)

Western blot analysis of ADIPOQ in HL-60 cell lysate with ADIPOQ polyclonal antibody (Cat # PAB13150) at (A) 0.5, (B) 1, and (C) 2 ug/mL .

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of ADIPOQ.
Immunogen	A synthetic peptide corresponding to C-terminus of human ADIPOQ.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Liquid
Recommend Usage	Western Blot (1 ug/mL) The optimal working dilution should be determined by the end user.

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Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry
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  Immunohistochemical staining of rat brain tissue with 10 ug/mL ADIPOQ polyclonal antibody (Cat # PAB13150).
- Western Blot (Cell lysate)

  Western blot analysis of ADIPOQ in HL-60 cell lysate with ADIPOQ polyclonal antibody (Cat # PAB13150) at (A) 0.5, (B) 1, and (C) 2 ug/mL .

Gene Info — ADIPOQ

Entrez GeneID	9370
Protein Accession#	NP_004788
Gene Name	ADIPOQ
Gene Alias	ACDC, ACRP30, ADPN, APM-1, APM1, GBP28, adiponectin
Gene Description	adiponectin, C1Q and collagen domain containing
Omim ID	605441
Gene Ontology	Hyperlink
Gene Summary	This gene is expressed in adipose tissue exclusively. It encodes a protein with similarity to collag ens X and VIII and complement factor C1q. The encoded protein circulates in the plasma and is in volved with metabolic and hormonal processes. [provided by RefSeq
Other Designations	adipocyte, C1Q and collagen domain containing|adipocyte, C1Q and collagen domain-containing |adiponectin|adipose most abundant gene transcript 1|gelatin-binding protein 28

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Publication Reference

- ACRP30, a new hormone controlling fat and glucose metabolism.

  Tsao TS, Lodish HF, Fruebis J.

  European Journal of Pharmacology 2002 Apr; 440(2-3):213.

- Human lactoferrin interacts with soluble CD14 and inhibits expression of endothelial adhesion molecules, E-selectin and ICAM-1, induced by the CD14-lipopolysaccharide complex.

  Baveye S, Elass E, Fernig DG, Blanquart C, Mazurier J, Legrand D.

  Infection and Immunity 2000 Dec; 68(12):6519.

- The crystal structure of a complement-1q family protein suggests an evolutionary link to tumor necrosis factor.

  Shapiro L, Scherer PE.

  Current Biology: CB 1998 Mar; 8(6):335.

Pathway

- Adipocytokine signaling pathway
- PPAR signaling pathway
- Type II diabetes mellitus

Disease

- Acute Disease
- Adenocarcinoma
- Albuminuria
- Alzheimer disease
- Anorexia Nervosa
- Atherosclerosis
- Birth Weight

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- Body Weight
- Brain Ischemia
- Breast cancer
- Breast Neoplasms
- Calcinosis
- Carcinoma
- Cardiomyopathy
- Cardiovascular Diseases
- Carotid Artery Diseases
- Cellulitis
- Cerebral Infarction
- Cerebrovascular Accident
- Colorectal Neoplasms
- Coronary Artery Disease
- Coronary Disease
- Coronary Stenosis
- Diabetes
- Diabetes Complications
- Diabetes Mellitus
- Diabetic Angiopathies
- Diabetic Nephropathies
- Diabetic Neuropathies
- Diabetic Retinopathy
- Disease Progression
- Dyslipidemias
- Edema

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- Esophageal Neoplasms
- Fatty Liver
- Genetic Predisposition to Disease
- Glomerulonephritis
- Glucose Intolerance
- Glucose Metabolism Disorders
- HIV Infections
- HIV-Associated Lipodystrophy Syndrome
- Hyperaldosteronism
- Hyperandrogenism
- Hypercholesterolemia
- Hyperglycemia
- Hyperinsulinism
- Hyperlipidemias
- Hypertension
- Inflammation
- Insulin Resistance
- Intracranial Arteriosclerosis
- Ischemia
- Kidney Failure
- Liver Cirrhosis
- Lupus Erythematosus
- Lymphoma
- Metabolic Diseases
- Metabolic Syndrome X
- Multiple Organ Failure

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- Myocardial Infarction
- Neoplasms
- Obesity
- Osteoporosis
- Ovarian Failure
- Overweight
- Pancreatitis
- Polycystic Ovary Syndrome
- Pre-Eclampsia
- Pregnancy Complications
- Prostate cancer
- Prostatic Neoplasms
- Proteinuria
- Psychiatric Status Rating Scales
- Puberty
- Renal Insufficiency
- Schizophrenia
- Thinness
- Thrombophilia
- Tobacco Use Disorder
- Vascular Diseases
- Weight Gain
- Weight Loss
- Werner syndrome

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