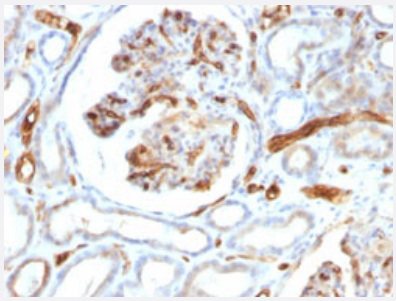
ADIPOQ monoclonal antibody, clone ADPN/1370

Catalog # MAB15059 Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human kidney with ADIPOQ monoclonal antibody, clone ADPN/1370 (Cat # MAB15059).

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant human ADIPOQ.
Immunogen	Recombinant protein corresponding to human ADIPOQ.
Host	Mouse
Theoretical MW (kDa)	26-30
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG2b
Recommend Usage	ELISA Flow Cytometry (0.5-1 ug/10^6 cells) Immunofluorescence (1-2 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1-2 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 10 mM PBS.

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Storage Instruction	Store at -20 to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human kidney with ADIPOQ monoclonal antibody, clone ADPN/1370 (Cat # MAB15059).

- Immunofluorescence
- Flow Cytometry
- Enzyme-linked Immunoabsorbent Assay

Gene Info — ADIPOQ

Entrez GeneID	9370
Protein Accession#	Q15848
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

Publication Reference

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- Adiponectin mediates an antiproliferative response in human MDA-MB 231 breast cancer cells.

  Dos Santos E, Benaitreau D, Dieudonne MN, Leneveu MC, Serazin V, Giudicelli Y, Pecquery R.

  Oncology Reports 2008 Oct; 20(4):971.

Pathway

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

Disease

- Acute Disease
- Adenocarcinoma
- Albuminuria
- Alzheimer disease
- Anorexia Nervosa
- Atherosclerosis
- Birth Weight
- Body Weight
- Brain Ischemia
- Breast cancer
- Breast Neoplasms
- Calcinosis
- Carcinoma
- Cardiomyopathy
- Cardiovascular Diseases
- Carotid Artery Diseases

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- 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
- Esophageal Neoplasms
- Fatty Liver
- Genetic Predisposition to Disease
- Glomerulonephritis
- Glucose Intolerance
- Glucose Metabolism Disorders
- HIV Infections
- HIV-Associated Lipodystrophy Syndrome
- Hyperaldosteronism

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- 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
- Myocardial Infarction
- Neoplasms
- Obesity
- Osteoporosis
- Ovarian Failure
- Overweight
- Pancreatitis
- Polycystic Ovary Syndrome
- Pre-Eclampsia

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- 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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