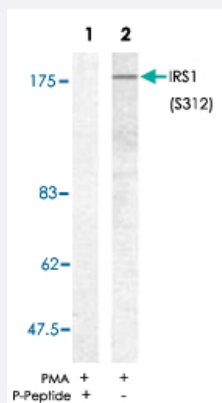


IRS1 (phospho S312) polyclonal antibody

Catalog # PAB5738 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of extract from 293 cells using IRS1 (phospho S312) polyclonal antibody (Cat # PAB5738).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic phosphopeptide of IRS1.
Immunogen	Synthetic phosphopeptide corresponding to residues surrounding S312 of human IRS1.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Liquid
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (BSA, 50% glycerol, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of extract from 293 cells using IRS1 (phospho S312) polyclonal antibody (Cat # PAB5738).

Gene Info — IRS1

Entrez GeneID	3667
Gene Name	IRS1
Gene Alias	HIRS-1
Gene Description	insulin receptor substrate 1
Omim ID	125853 147545
Gene Ontology	Hyperlink
Other Designations	-

Pathway

- [Adipocytokine signaling pathway](#)
- [Insulin signaling pathway](#)
- [Neurotrophin signaling pathway](#)
- [Type II diabetes mellitus](#)

Disease

- [Adenocarcinoma](#)
- [Adenomatous Polyps](#)
- [Adrenal hyperplasia](#)

- [Alzheimer disease](#)
- [Atherosclerosis](#)
- [Birth Weight](#)
- [Body Weight](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Chorioamnionitis](#)
- [Colon cancer](#)
- [Colonic Neoplasms](#)
- [Colorectal Neoplasms](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Diabetes](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Drug Toxicity](#)
- [Dyslipidemias](#)
- [Edema](#)
- [Endometrial Neoplasms](#)
- [Esophageal Neoplasms](#)
- [Fatty Liver](#)
- [Fetal Membranes](#)

- [Genetic Predisposition to Disease](#)
- [Glomerulonephritis](#)
- [Glucose Intolerance](#)
- [Glucose Metabolism Disorders](#)
- [Hepatitis](#)
- [Hirsutism](#)
- [Hyperandrogenism](#)
- [Hypercholesterolemia](#)
- [Hyperinsulinism](#)
- [Hypertension](#)
- [Hypertriglyceridemia](#)
- [Inflammation](#)
- [Insulin Resistance](#)
- [Kidney Failure](#)
- [Lung Neoplasms](#)
- [Metabolic Syndrome X](#)
- [Microsatellite Instability](#)
- [Multiple Myeloma](#)
- [Myocardial Infarction](#)
- [Neoplasms](#)
- [Obesity](#)
- [Obstetric Labor](#)
- [Osteoporosis](#)
- [Ovarian cancer](#)
- [Ovarian Diseases](#)
- [Pancreatic Neoplasms](#)

- [Polycystic Ovary Syndrome](#)
- [Pre-Eclampsia](#)
- [Premature Birth](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Puberty](#)
- [Pulmonary Disease](#)
- [Rectal Neoplasms](#)
- [Schizophrenia](#)
- [Sleep Apnea](#)
- [Thinness](#)
- [Thrombosis](#)
- [Thyroid Neoplasms](#)
- [Urinary Bladder Neoplasms](#)
- [Weight Loss](#)
- [Werner syndrome](#)