

Datasheet for ABIN7267895
anti-IRS1 antibody (pSer612)



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Overview

Quantity:	100 µL
Target:	IRS1
Binding Specificity:	pSer612
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IRS1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Purpose:	Phospho-IRS1-S612 Rabbit pAb
Immunogen:	A phospho specific peptide corresponding to residues surrounding S612 of human IRS1
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Phosphorylated Antibodies
Purification:	Affinity purification

Target Details

Target:	IRS1
Alternative Name:	IRS1 (IRS1 Products)

Target Details

Background:	This gene encodes a protein which is phosphorylated by insulin receptor tyrosine kinase. Mutations in this gene are associated with type II diabetes and susceptibility to insulin resistance.,HIRS-1,IRS1,Epigenetics & Nuclear Signaling,Translation Control,Regulation of eIF4 and p70 S6 Kinase,Cancer,Signal Transduction,PI3K-Akt Signaling Pathway,mTOR Signaling Pathway,MAPK-Erk Signaling Pathway,MAPK-JNK Signaling Pathway,Cell Biology & Developmental Biology,Growth factor,Endocrine & Metabolism,Insulin Receptor Signaling Pathway,Endocrine and metabolic diseases,Diabetes,Obesity,Immunology & Inflammation,Neuroscience,Cell Type Marker,Cardiovascular,Heart,Cardiovascular diseases,Heart disease,Protein phosphorylation,IRS1
Molecular Weight:	131kDa
Gene ID:	3667
UniProt:	P35568
Pathways:	Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Positive Regulation of Peptide Hormone Secretion , Hormone Transport , Negative Regulation of Hormone Secretion , Response to Growth Hormone Stimulus , Carbohydrate Homeostasis , Regulation of Carbohydrate Metabolic Process

Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.