

Datasheet for ABIN7265258
anti-IRS1 antibody (pSer307)



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1 Image

Overview

Quantity:	200 µL
Target:	IRS1
Binding Specificity:	pSer307
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IRS1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	A synthetic phosphorylated peptide around S307 of human IRS1 (NP_005535.1).
Isotype:	IgG
Characteristics:	Phosphorylated antibody
Purification:	Affinity purification

Target Details

Target:	IRS1
Alternative Name:	IRS1 (IRS1 Products)
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

Target Details

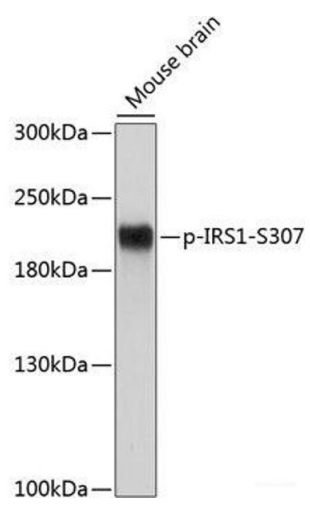
	resistance.
Molecular Weight:	Observed_MW: 200 kDa Calculated_MW: 131 kDa
Gene ID:	3667
UniProt:	P35568
Pathways:	Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Positive Regulation of Peptide Hormone Secretion , Hormone Transport , Negative Regulation of Hormone Secretion , Response to Growth Hormone Stimulus , Carbohydrate Homeostasis , Regulation of Carbohydrate Metabolic Process

Application Details

Application Notes:	WB 1:500-1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
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.



Western Blotting

Image 1. Western blot analysis of extracts of Mouse brain using Phospho-IRS1(S307) Polyclonal Antibody at dilution of 1:500.