



[Go to Product page](#)

Datasheet for ABIN7440875

anti-IRS1 antibody (AA 837-1089)

2 Images

Overview

Quantity:	100 µL
Target:	IRS1
Binding Specificity:	AA 837-1089
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IRS1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Insulin Receptor Substrate 1 (IRS1)
Immunogen:	Recombinant Insulin Receptor Substrate 1 (IRS1) corresponding to Pro837~Gln1089 (Accession # P35569)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against IRS1. It has been selected for its ability to recognize IRS1 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Cow, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

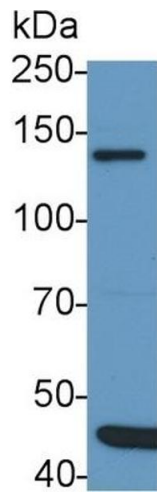
Target:	IRS1
Alternative Name:	Insulin Receptor Substrate 1 (IRS1 Products)
Background:	HIRS1
Pathways:	Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Positive Regulation of Peptide Hormone Secretion , Hormone Transport , Negative Regulation of Hormone Secretion , Response to Growth Hormone Stimulus , Carbohydrate Homeostasis , Regulation of Carbohydrate Metabolic Process

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

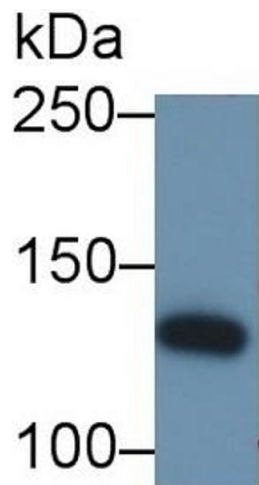
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Western Blotting

Image 1. Detection of IRS1 in Rat Cerebrum lysate using Polyclonal Antibody to Insulin Receptor Substrate 1 (IRS1)



Western Blotting

Image 2. Detection of IRS1 in Bovine Cerebrum lysate using Polyclonal Antibody to Insulin Receptor Substrate 1 (IRS1)