.-online.com antibodies

Datasheet for ABIN7443698 anti-IRS2 antibody

3 Images



Overview

Quantity:	100 µL
Target:	IRS2
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IRS2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

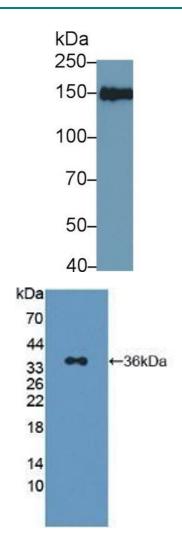
Product Details

Purpose:	Polyclonal Antibody to Insulin Receptor Substrate 2 (IRS2)
Immunogen:	Recombinant Insulin Receptor Substrate 2 (IRS2)
Isotype:	lgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against IRS2. It has been selected for its ability to recognize IRS2 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Pig
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Target Details	
Target:	IRS2

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Alternative Name:	Insulin Receptor Substrate 2 (IRS2 Products)
Pathways:	Fc-epsilon Receptor Signaling Pathway, EGFR Signaling Pathway, Neurotrophin Signaling
	Pathway, Positive Regulation of Peptide 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
	1:500-2000 Immunohistochemistry: 5-20 µg/mL
	1:50-200 Immunocytochemistry: 5-20 µg/mL
	1:50-200 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 $^\circ C$ 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:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
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:	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

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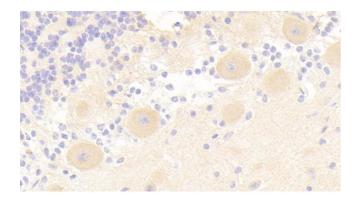


Western Blotting

Image 1. Detection of IRS2 in MCF7 cell lysate using Polyclonal Antibody to Insulin Receptor Substrate 2 (IRS2)

Western Blotting

Image 2. Detection of Recombinant IRS2, Human using Polyclonal Antibody to Insulin Receptor Substrate 2 (IRS2)



Immunohistochemistry

Image 3. Detection of IRS2 in Human Cerebellum Tissue using Polyclonal Antibody to Insulin Receptor Substrate 2 (IRS2)

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