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Datasheet for ABIN6977948

anti-IRS4 antibody (AA 551-650) (Alexa Fluor 488)

Overview

Quantity:	100 µL
Target:	IRS4
Binding Specificity:	AA 551-650
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IRS4 antibody is conjugated to Alexa Fluor 488
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human IRS-4
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat
Purification:	Purified by Protein A.

Target Details

Target:	IRS4
Alternative Name:	IRS-4 (IRS4 Products)

Target Details

Background:	<p>Synonyms: IRS4, 160 kDa phosphotyrosine protein, Insulin receptor substrate 4, IRS 4, PY160, IRS4_HUMAN, IRS-4, Phosphoprotein of 160 kDa, pp160.</p> <p>Background: IRS4 (Insulin receptor substrate 4) is a cytoplasmic protein that contains many potential tyrosine and serine/threonine phosphorylation sites. Tyrosine-phosphorylated IRS4 protein has been shown to associate with cytoplasmic signaling molecules that contain SH2 domains. The IRS4 protein is phosphorylated by the insulin receptor tyrosine kinase upon receptor stimulation.</p>
Gene ID:	8471
UniProt:	O14654

Application Details

Application Notes:	<p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p>
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 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:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months