

Datasheet for ABIN7250998
anti-IRS1 antibody (pTyr896)



[Go to Product page](#)

1 Image

Overview

Quantity:	200 µL
Target:	IRS1
Binding Specificity:	pTyr896
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IRS1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Synthesized peptide derived from human IRS-1 around the phosphorylation site of Tyr896
Isotype:	IgG
Characteristics:	Phosphorylated antibody
Purification:	Affinity purification

Target Details

Target:	IRS1
Alternative Name:	IRS1 (IRS1 Products)
Background:	May mediate the control of various cellular processes by insulin. When phosphorylated by the insulin receptor binds specifically to various cellular proteins containing SH2 domains such as

Target Details

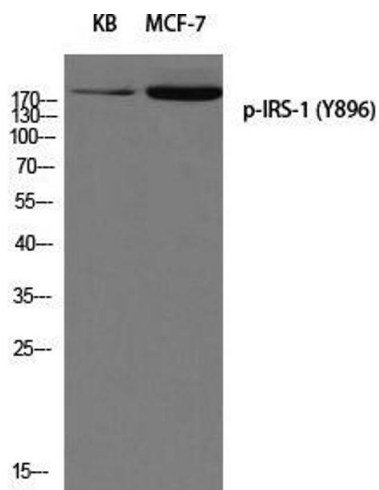
	phosphatidylinositol 3-kinase p85 subunit or GRB2. Activates phosphatidylinositol 3-kinase when bound to the regulatory p85 subunit.
Molecular Weight:	Observed_MW: 180 kDa Calculated_MW: 132 kDa
UniProt:	P35568
Pathways:	Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling 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, ELISA 1:40000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 0.5 % BSA and 50 % glycerol, pH 7.4
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 1) KB, 2) MCF7 cells using Phospho-IRS1 (Tyr896) Polyclonal Antibody at dilution of 1:500