

IRS1 Rabbit pAb

Catalog No.: A28406

Basic Information

Observed MW

180 kDa

Calculated MW

131 kDa

Category

Primary antibody

Applications

WB,ELISA

Cross-Reactivity

Mouse

Background

Enables phosphatidylinositol 3-kinase activator activity; phosphatidylinositol 3-kinase binding activity; and transmembrane receptor protein tyrosine kinase adaptor activity. Involved in cellular response to fatty acid; insulin receptor signaling pathway; and insulin-like growth factor receptor signaling pathway. Acts upstream of or within several processes, including cellular response to insulin stimulus; positive regulation of epithelial cell migration; and positive regulation of phosphatidylinositol 3-kinase/protein kinase B signal transduction. Located in several cellular components, including ciliary basal body; nucleus; and plasma membrane. Is expressed in several structures, including alimentary system; brain; genitourinary system; hemolymphoid system gland; and liver and biliary system. Used to study type 2 diabetes mellitus. Human ortholog(s) of this gene implicated in Alzheimer's disease; coronary artery disease; type 2 diabetes mellitus; and uterine fibroid. Orthologous to human IRS1 (insulin receptor substrate 1).

Recommended Dilutions

WB 1:1000 - 1:2000

ELISA Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements. For high-ratio antibody dilutions (\geq 1:10000) a sequential dilution method is strongly recommended to ensure measurement accuracy.

Immunogen Information

Gene ID

16367

Swiss Prot

P35569

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

G972R; IRS-1

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.09% Sodium azide, 50% glycerol, pH 7.3.

Contact

	400-999-6126
	cn.market@abclonal.com.cn
	www.abclonal.com.cn