

IRS-1(Phospho Ser616) Polyclonal Antibody

Description

Product type Primary Antibody

Code BT-AP10511

Host Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from human IRS-1 around the

phosphorylation site of Ser612. AA range:578-627

Mol wt 131591

Species reactivity Human, Mouse, Rat

Clonality Polyclonal

Recommended application WB, IHC-p, IF, ELISA

Concentration 1 mg/ml

Full name Insulin receptor substrate 1

Synonyms Insulin receptor substrate 1; IRS1; Insulin receptor substrate 1; IRS-1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

This gene encodes a protein which is phosphorylated by insulin receptor tyrosine kinase. Mutations in this gene are associated with type II diabetes and susceptibility to insulin resistance.

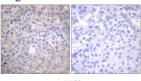
Recommended Dilution

WB: 1: 500 - 1: 2000 IHC-p: 1: 100 - 1: 300

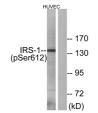
ELISA: 1: 5000

Not yet tested in other applications.

Images



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using IRS-1 (Phospho-Ser612) Antibody. The picture on the right is blocked with the phospho peptide.



Western blot analysis of lysates from HUVEC cells treated with insulin 0.01U/ml 30', using IRS-1 (Phospho-Ser612) Antibody. The lane on the right is blocked with the phospho peptide.

Storage

-20°C for 1 year