

Product Datasheet

Phospho-IRS-1 (Ser636) Antibody

Catalog No: CY6308

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IHC IF/ICC



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Information

UniProt ID: P35568

All Names: IRS-1, IRS1, Insulin receptor substrate-1

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide derived from human IRS-1 around the phosphorylation site of Serine 636

Molecular Wt.: 160 kDa

Application

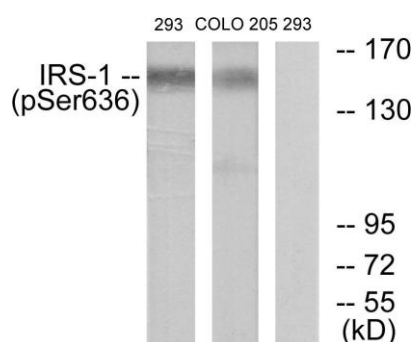
WB: 1:500~1:2000

IHC 1:50-1:200

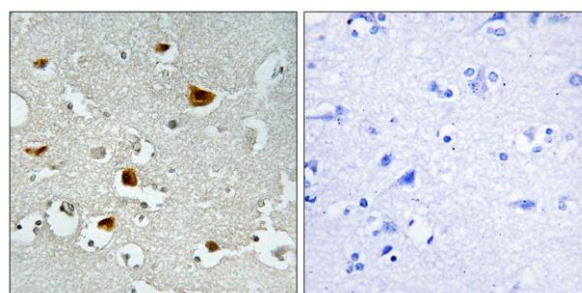
IF/ICC: 1:100~1:500

Background

IRS-1 is an adaptor protein that is one of the major substrates of the insulin receptor kinase. Contains multiple tyrosine phosphorylation motifs that serve as docking sites for SH2-domain-containing proteins including phosphatidylinositol 3-kinase p85 subunit and GRB-2.



Western blot analysis of extracts from 293 cells and COLO205 cells, using IRS-1 (Phospho-Ser636) antibody.



Immunohistochemistry analysis of paraffin-embedded human brain tissue using IRS-1 (Phospho-Ser636) antibody.

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