Product datasheet for TA312859

IRS1 Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies
Applications: IF, IHC, WB
Reactivity: Human, Mouse, Rat
Host: Rabbit
Isotype: IgG
Clonality: Polyclonal
Immunogen: The antiserum was produced against synthesized non-phosphopeptide derived from human IRS-1 around the phosphorylation site of serine 312 (A-T-SP-P-A).
Formulation: Phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration: 1 mg/ml
Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Gene Name: insulin receptor substrate 1
Synonyms: HIRS-1
Note: IRS-1 (Ab-312) antibody detects endogenous levels of total IRS-1 protein.
Protein Families: Druggable Genome
Protein Pathways: Adipocytokine signaling pathway, Insulin signaling pathway, Neurotrophin signaling pathway, Type II diabetes mellitus

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
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Western blot analysis of extracts from NIH-3T3 cells, using IRS-1 (Ab-312) Antibody. The lane on the right is treated with the synthesized peptide.

Western blot analysis of extracts from JK cells (Lane 2), using IRS-1 (Ab-312) Antibody. The lane on the left is treated with synthesized peptide.
Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using IRS-1 (Ab-312) Antibody. The picture on the right is treated with the synthesized peptide.

Immunofluorescence analysis of HeLa cells, using IRS-1 (Ab-312) Antibody. The picture on the right is treated with the synthesized peptide.