

Product datasheet for **TA312866**

IRS1 Rabbit Polyclonal Antibody

Product data:

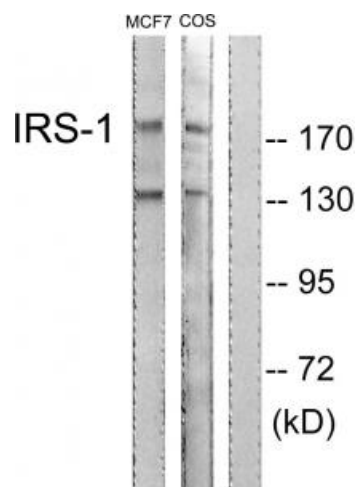
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 1:500~1:3000, IHC: 1:50~1:100, ELISA: 1:5000
Reactivity:	Human, Mouse, Rat
Modifications:	Phospho-specific
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The antiserum was produced against synthesized phosphopeptide derived from human IRS-1 around the phosphorylation site of serine 1101 (H-S-SP-E-T).
Formulation:	Phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration:	lot specific
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	insulin receptor substrate 1
Database Link:	NP_005535 Entrez Gene 16367 Mouse Entrez Gene 25467 Rat Entrez Gene 3667 Human P35568
Synonyms:	HIRS-1
Note:	IRS-1 (Phospho-Ser1101) antibody detects endogenous levels of IRS-1 only when phosphorylated at serine 1101.
Protein Families:	Druggable Genome



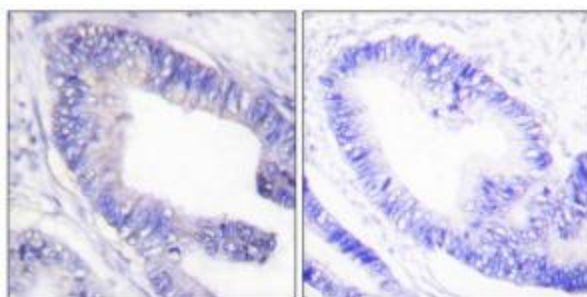
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Protein Pathways: Adipocytokine signaling pathway, Insulin signaling pathway, Neurotrophin signaling pathway, Type II diabetes mellitus

Product images:



Western blot analysis of extracts from MCF7 cells treated with IGF-2, and COS7 cells treated with Insulin, using IRS-1 (Phospho-Ser1101) Antibody (#TA312866). The lane on the right is treated with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded human colon carcinoma tissue, using IRS-1 (Phospho-Ser1101) Antibody (#TA312866). The picture on the right is treated with the synthesized peptide.