

IRS-1 Antibody | anti-IRS-1 antibody

IRS-1 (Phospho-Ser1101) Antibody

CATALOG # AAA109009	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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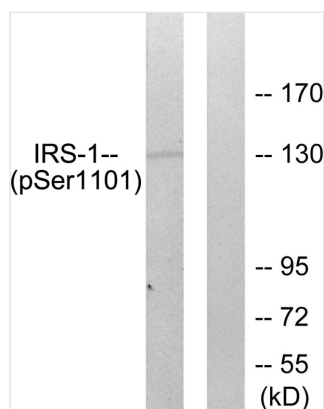
PRODUCT SYNONYMS

IRS-1; IRS-1 (Phospho-Ser1101) Antibody; IRS1; Insulin receptor substrate-1; anti-IRS-1 antibody

PRODUCT SPECIFICATIONS

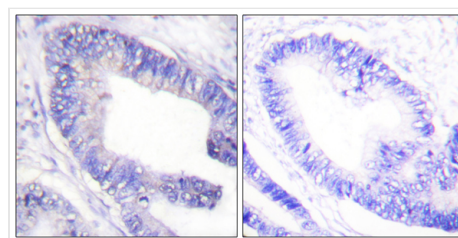
Reactivity	Human, Mouse, Rat
Specificity	IRS-1 (Phospho-Ser1101) antibody detects endogenous levels of IRS-1 only when phosphorylated at serine 1101.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	1242
Applicable Applications for anti-IRS-1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
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).
All Sites	Human: Ser1101 Mouse: Ser1097 Rat: Ser1100
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES



WB (Western Blot)

Western blot analysis of extracts from COS7 cells, treated with Calyculin A (50ng/ml, 30mins), using IRS-1 (Phospho-Ser1101) Antibody (#A0446).



IHC (Immunohistochemistry)

P-peptide-+ Immunohistochemical analysis of paraffin-embedded human colon carcinoma tissue using IRS-1 (Phospho-Ser1101) Antibody (#A0446).

ADDITIONAL INFORMATION

Product Categories/Family for anti-IRS-1 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	XJ Sun, J. Biol. Chem., Nov 1992; 267: 22662-22672. Laurent Delahaye, Endocrinology, Dec 1998; 139: 4911. Angela M. Valverde, Mol. Cell. Biol., Apr 2001; 21: 2269-2280. Xiao Jian Sun, J. Biol. Chem., May 1996; 271: 10583.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5031805
NCBI GeneID	3667
NCBI Accession #	NP_005535.1
NCBI GenBank Nucleotide #	NM_005544.2
UniProt Accession #	P35568
Molecular Weight	131,591 Da
NCBI Official Full Name	insulin receptor substrate 1
NCBI Official Synonym Full Names	insulin receptor substrate 1
NCBI Official Symbol	IRS1
NCBI Official Synonym Symbols	HIRS-1
NCBI Protein Information	insulin receptor substrate 1
UniProt Protein Name	Insulin receptor substrate 1
UniProt Gene Name	IRS1
UniProt Synonym Gene Names	IRS-1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/human-mouse-rat-antibody/irs-1/109009>