

IRS-1 Antibody | anti-IRS-1 antibody

IRS-1(Phospho-Ser636) Antibody

CATALOG # AAA110946	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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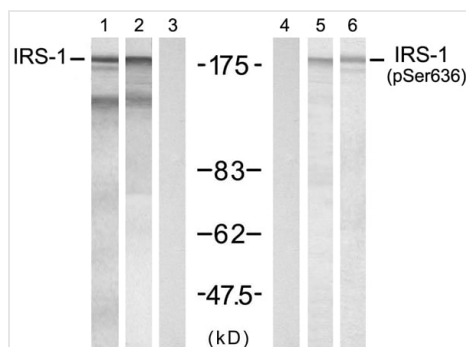
PRODUCT SYNONYMS

IRS-1; IRS-1(Phospho-Ser636) Antibody; anti-IRS-1 antibody

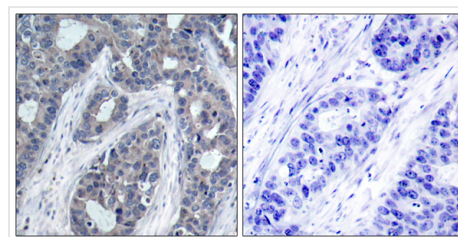
PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	IRS-1 (phospho-Ser636) antibody detects endogenous levels of IRS-1 only when phosphorylated at serine 636.
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 Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	1242
Applicable Applications for anti-IRS-1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human IRS-1 around the phosphorylation site of serine 636 (P-M-SP-P-K).
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES


WB (Western Blot)

Western blot analysis of extracts from 293 cells treated with insulin(100nM, 30min) or PMA (0.2μM, 15min) using IRS-1 (Ab-636) antibody and IRS-1 (phospho-Ser636) antibody.


IHC (Immunohistochemistry)

P-Peptide-+ Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue, using IRS-1 (phospho-Ser636) antibody.

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	Ozes ON, et al. (2001) Proc Natl Acad Sci U S A; 98(8): 4640-4645 Tzatsos A, et al. (2006) Mol Cell Biol; 26(1): 63-76 Kadowaki T, et al. (2000) J Clin Invest; 106(4): 459-465 Ozes ON, et al. (2001) Proc Natl Acad Sci U S A; 98(8): 4640-4645 Szanto I, et al. (2000) Proc Natl Acad Sci U S A; 97(5): 2355-2360.

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-mouse-rat-antibody/irs-1/110946>