

IRS-1 Antibody | anti-IRS-1 antibody

IRS-1 (Ab-636) Antibody

CATALOG # AAA112189	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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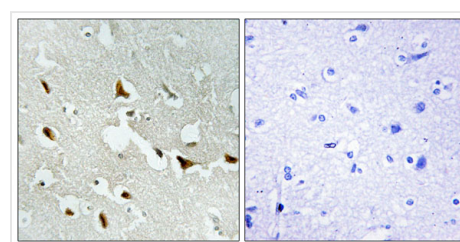
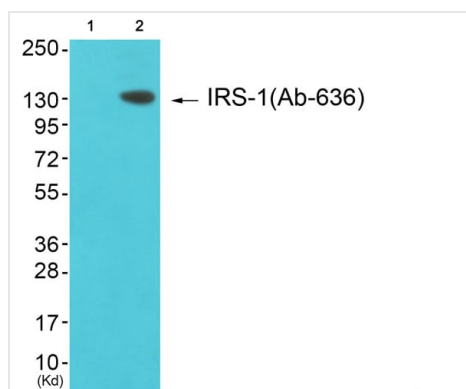
PRODUCT SYNONYMS

IRS-1; IRS-1 (Ab-636) Antibody; IRS1; Insulin receptor substrate-1; anti-IRS-1 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	IRS-1 (Ab-636/639) antibody detects endogenous levels of total IRS-1 protein.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
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 non-phosphopeptide derived from human IRS-1 around the phosphorylation site of serine 636 or serine 639 (M-S-P-K-S).
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES



Application Data
Peptide+

IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human brain, using IRS-1 (Ab-636/639) antibody. Western blot analysis of extracts from K562 cells, using IRS-1 (Ab-636/639) 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
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References	Ozes ON, et al. (2001) Proc Natl Acad Sci USA; 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 USA; 98(8): 4640-4645. Szanto I, et al. (2000) Proc Natl Acad Sci USA; 97(5): 2355-2360.
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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.