

Rabbit IRS1 Polyclonal Antibody | anti-IRS1 antibody

IRS1 Antibody (Ser636)

CATALOG # AAA226096	HOST Rabbit	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

IRS1; Polyclonal Antibody; IRS1 Antibody (Ser636); Rabbit Polyclonal IRS1 Antibody (Ser636); Polyclonal IRS1 antibody; Anti-IRS1 antibody; HIRS-1 antibody; Insulin receptor substrate 1 antibody; IRS-1 antibody; IRS1 antibody; anti-IRS1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Specificity	IRS1 antibody (Ser636) detects endogenous levels of IRS1 only when phosphorylated at serine 636
Purity/Purification	Affinity Chromatography
Form/Format	Supplied in PBS buffer (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% Sodium Azide and 50% Glycerol
Concentration	1 mg/ml (varies by lot)
Sequence Length	518
Applicable Applications for anti-IRS1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	IRS1 antibody was raised in Rabbit using a synthesized phosphopeptide derived from human IRS1 around the phosphorylation site of serine 636 (P-M-SP-P-K) as the immunogen.
Cross-Reactivity	Mouse, Rat
Preparation and Storage	Store at -20 degree C in small aliquots. Avoid repeat freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using IRS1 antibody (Ser636)



WB (Western Blot)

Western blot analysis of extracts from 293 cells treated with insulin(100nM, 30min) or PMA (0.2uM, 15min) using IRS1 antibody (Lane 1, 2 and 3) and IRS1 (phospho-Ser636) antibody (Lane 4, 5 and 6).

ADDITIONAL INFORMATION

Related Product Information for anti-IRS1 antibody	IRS1 is a critical element in insulin-signaling pathways, and mutations in the IRS1 gene have been reported to have a role in determining susceptibility to traits related to type 2 diabetes.
Product Categories/Family for anti-IRS1 antibody	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	958211643
NCBI Official Full Name	IRS1, partial

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/polyclonal/irs1-antibody-immunohistochemistry-western-blot-elisa/226096>