

Rabbit Phospho-IRS2 (Y978) Polyclonal Antibody | anti-IRS2 antibody

Phospho-IRS2 (Y978) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288522	Rabbit	Human Predicted Reactivity: Mouse	ELISA, Dot Blot

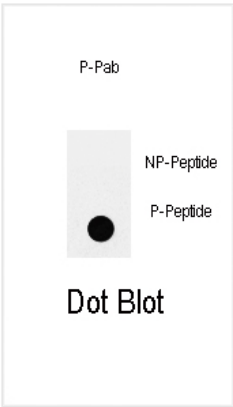
PRODUCT SYNONYMS

Phospho-IRS2 (Y978); Polyclonal Antibody; Phospho-IRS2 (Y978) Antibody; Insulin receptor substrate 2; IRS-2; IRS2; anti-IRS2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human Predicted Reactivity: Mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This IRS2 Antibody is generated from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding Y978 of human IRS2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Sequence Length	1338
Applicable Applications for anti-IRS2 antibody	ELISA, DB (Dot Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Cellular Location	Cytoplasm, cytosol
Preparation and Storage	Maintain refrigerated at 2-8°C. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

IMAGES



DB (Dot Blot)
Dot blot analysis of anti-Phospho-IRS2-pY978 Antibody on nitrocellulose membrane. 50ng of Phospho-peptide or Non Phospho-peptide per dot were adsorbed. Antibody working concentrations are 0.5ug per ml.

ADDITIONAL INFORMATION

Related Product Information for anti-IRS2 antibody	Insulin receptor substrate 2, a cytoplasmic signaling molecule that mediates effects of insulin, insulin-like growth factor 1, and other cytokines by acting as a molecular adaptor between diverse receptor tyrosine kinases and downstream effectors. This protein is phosphorylated by the insulin receptor tyrosine kinase upon receptor stimulation, as well as by an interleukin 4 receptor-associated kinase in response to IL4 treatment.
Product Categories/Family for anti-IRS2 antibody	Cardiovascular; Metabolism; Signal Transduction; Phospho Antibodies
References	Hagg,D.A., Int. J. Mol. Med. 21 (6), 697-704 (2008) Platanias,L.C., J. Biol. Chem. 271 (1), 278-282 (1996) Sun,X.J., Nature 377 (6545), 173-177 (1995)

NCBI AND UNIPROT INFORMATION

NCBI GI #	38683860
NCBI GeneID	8660
NCBI Accession #	NP_003740.2
NCBI GenBank Nucleotide #	NM_003749.2
UniProt Accession #	Q9Y4H2; Q96RR2; Q9BZG0; Q9Y6I5
Molecular Weight	Calculated MW: 137334
NCBI Official Full Name	insulin receptor substrate 2
NCBI Official Synonym Full Names	insulin receptor substrate 2
NCBI Official Symbol	IRS2
NCBI Official Synonym Symbols	IRS-2
NCBI Protein Information	insulin receptor substrate 2
UniProt Protein Name	Insulin receptor substrate 2
UniProt Gene Name	IRS2
UniProt Synonym Gene Names	IRS-2
UniProt Entry Name	IRS2_HUMAN

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/phospho-irs2-y978-antibody-dot-blot-elisa/288522>