

Rabbit anti-Human IRS1 Polyclonal Antibody | anti-IRS1 antibody

Rabbit anti-IRS1 IHC Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213973	Rabbit	Human	Immunohistochemistry, Immunohistochemistry

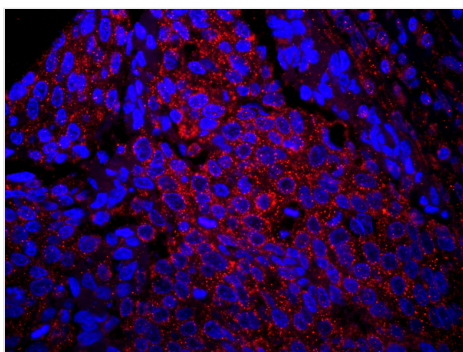
PRODUCT SYNONYMS

IRS1; Polyclonal Antibody; Rabbit anti-IRS1 IHC Antibody; Affinity Purified; HIRS-1; insulin receptor substrate 1; IRS-1; Insulin receptor substrate 1; anti-IRS1 antibody

PRODUCT SPECIFICATIONS

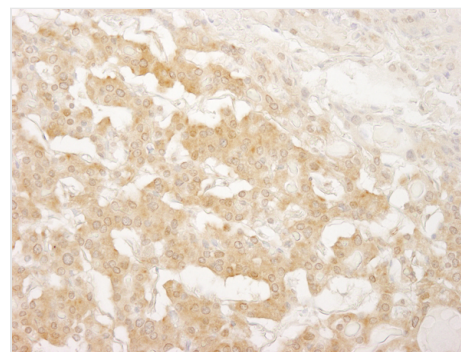
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	250ug/ml (varies by lot)
Applicable Applications for anti-IRS1 antibody	IHC (Immunohistochemistry), IHC (Immunohistochemistry)
Predicted Reactivity	Mouse, Rabbit, Pig, Gorilla, Chimpanzee, Naked mole rat
Immunogen	Between 1192 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



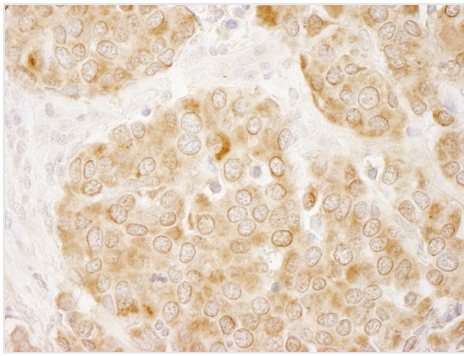
IHC (Immunohistochemisry)

Detection of human IRS1 by immunohistochemistry. Sample: FFPE section of human breast carcinoma. Antibody: Affinity purified rabbit anti-IRS1 (Cat. No. AAA213973) used at a dilution of 1:100. Detection: Red-fluorescent goat anti-rabbit IgG highly cross-adsorbed Antibody used at a dilution of 1:100.



IHC (Immunohiostchemistry)

Detection of human IRS1 by immunohistochemistry. Sample: FFPE section of human thyroid carcinoma. Antibody: Affinity purified rabbit anti-IRS1 (Cat. No. AAA213973) used at a dilution of 1:500. Detection: DAB



IHC (Immunohistochemistry)

Detection of human IRS1 by immunohistochemistry. Sample: FFPE section of human breast carcinoma. Antibody: Affinity purified rabbit anti-IRS1 (Cat. No. AAA213973) used at a dilution of 1:500. Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-IRS1 antibody	The insulin receptor substrate 1 (IRS1) is one of four members of the IRS family (IRS1-4) that mediates intracellular signaling downstream of the IGF1 and insulin receptors. Phosphorylation of IRS1 by activated receptors leads to binding of IRS to the SH2 domains of effector proteins such as PI3K, Grb2, nck, and SHP2. The downstream effects of insulin and IGF1 signaling via IRSs on the cell are pleiotropic and include various responses such as glucose transport, glycogen synthesis, protein synthesis, antilipolysis, and gluconeogenesis. Polymorphisms in IRS1 may contribute to the etiology of non-insulin-dependent diabetes mellitus (NIDDM).
Product Categories/Family for anti-IRS1 antibody	Primary Antibodies

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; IRS-1
UniProt Protein Name	Insulin receptor substrate 1
UniProt Gene Name	IRS1
UniProt Synonym Gene Names	IRS-1
UniProt Entry Name	IRS1_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.