

Rabbit anti-Human IRS4 Polyclonal Antibody | anti-IRS4 antibody

Rabbit anti-IRS4 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213221	Rabbit	Human	Immunoprecipitation, Western Blot

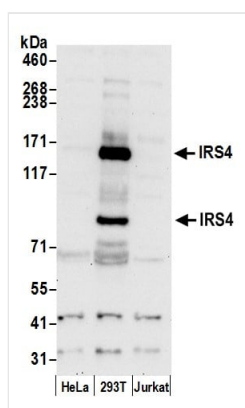
PRODUCT SYNONYMS

IRS4; Polyclonal Antibody; Rabbit anti-IRS4 Antibody; Affinity Purified; 160 kDa phosphotyrosine protein; insulin receptor substrate 4; IRS-4; phosphoprotein of 160 kDa; pp160; PY160; Insulin receptor substrate 4; anti-IRS4 antibody

PRODUCT SPECIFICATIONS

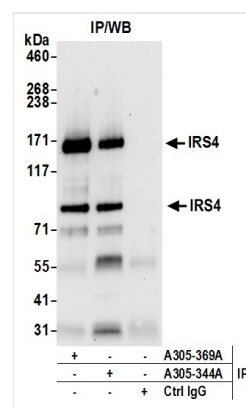
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-IRS4 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 1207 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human IRS4 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-IRS4 antibody AAA213221 (lot AAA213221-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human IRS4 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-IRS4 antibody AAA213221 (lot AAA213221-1) used for IP at 6 ug per reaction. IRS4 was also immunoprecipitated by rabbit anti-IRS4 antibody For blotting immunoprecipitated IRS4, AAA213221 was used at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-IRS4 antibody	Insulin receptor substrate 4 (IRS4) is a cytoplasmic protein that contains many potential tyrosine and serine/threonine phosphorylation sites. Tyrosine-phosphorylated IRS4 protein has been shown to associate with cytoplasmic signalling molecules that contain SH2 domains. The IRS4 protein is phosphorylated by the insulin receptor tyrosine kinase upon receptor stimulation [taken from NCBI Entrez Gene (Gene ID: 8471)].
Product Categories/Family for anti-IRS4 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504733
NCBI GeneID	8471
NCBI Accession #	NP_003595.1
NCBI GenBank Nucleotide #	NM_003604.2
UniProt Accession #	O14654
Molecular Weight	133,768 Da
NCBI Official Full Name	insulin receptor substrate 4
NCBI Official Synonym Full Names	insulin receptor substrate 4
NCBI Official Symbol	IRS4
NCBI Official Synonym Symbols	IRS-4; PY160
NCBI Protein Information	insulin receptor substrate 4
UniProt Protein Name	Insulin receptor substrate 4
UniProt Gene Name	IRS4
UniProt Synonym Gene Names	IRS-4; py160; pp160

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/irs4-antibody-immunoprecipitation-western-blot-elisa/213221>