

Rabbit anti-Human IRS2 Polyclonal Antibody | anti-IRS2 antibody

Rabbit anti-IRS2 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211472	Rabbit	Human	Immunohistochemistry, Immunoprecipitation

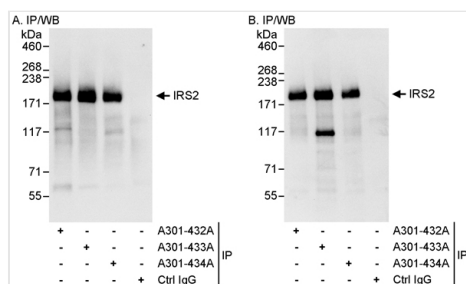
PRODUCT SYNONYMS

IRS2; Polyclonal Antibody; Rabbit anti-IRS2 Antibody; Affinity Purified; insulin receptor substrate 2; IRS-2; Insulin receptor substrate 2; anti-IRS2 antibody

PRODUCT SPECIFICATIONS

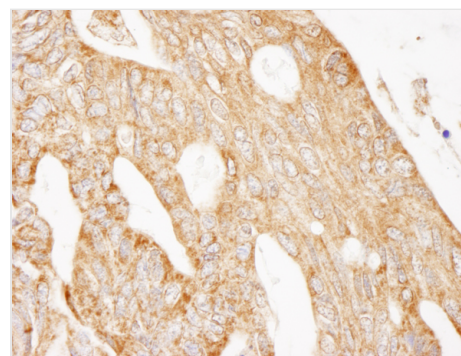
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-IRS2 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation)
Immunogen	Between 1288 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



IP (Immunoprecipitation)

Detection of human IRS2 by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-IRS2 antibody AAA211472 used for IP at 3 ug/mg lysate. IRS2 was also immunoprecipitated by rabbit anti-IRS2 antibodies and which recognize upstream epitopes. For blotting immunoprecipitated IRS2, (A) and (B) were used at 1 ug/ml. Detection: Chemiluminescence with exposure times of 3 seconds (A) and 10 seconds (B).



IHC (Immunohistochemistry)

Detection of human IRS2 by immunohistochemistry. Sample: FFPE section of human ovarian carcinoma. Antibody: Affinity purified rabbit anti-IRS2 (Cat. No. AAA211472 Lot1) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-IRS2 antibody	IRS2 (insulin receptor substrate 2) functions as a cytoplasmic link and transducer of insulin receptor (IR) and insulin-like growth factor receptor (IGFR) signaling. As the name implies, IRS2 is a substrate of IR and IGFR tyrosine kinase activity activated by insulin and IGF binding.
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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	137,334 Da
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/irs2-antibody-immunohistochemistry-immunoprecipitation-elisa/211472>