

Rabbit IRS-1 Polyclonal Antibody | anti-IRS-1 antibody

IRS-1 (Phospho-Ser307) Rabbit Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA318646	Rabbit	Human, Mouse, Rat, Monkey	ELISA, Immunofluorescence, Immunohistochemistry, Western Blot

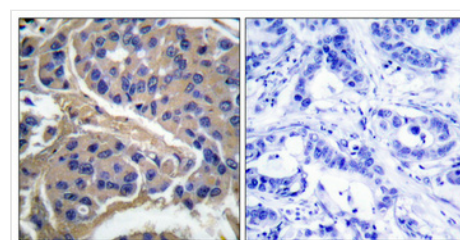
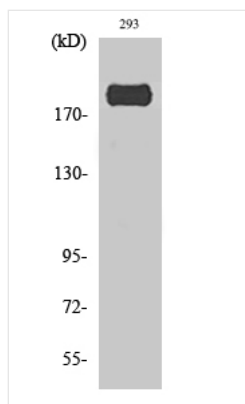
PRODUCT SYNONYMS

IRS-1; Polyclonal Antibody; IRS-1 (Phospho-Ser307) Rabbit Polyclonal Antibody; IRS1; Insulin receptor substrate 1; BH6842; anti-IRS-1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Monkey
Clonality	Polyclonal
Specificity	Phospho-IRS-1 (S307) Polyclonal Antibody detects endogenous levels of IRS-1 protein only when phosphorylated at S307.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-IRS-1 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthesized phospho-peptide around the phosphorylation site of human IRS-1 (phospho Ser307)
Modification	Phospho Specific
Preparation and Storage	Store at -20 degree C/1 year

IMAGES

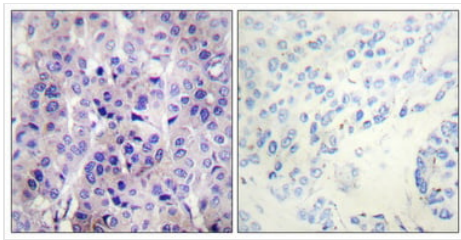


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human breast cancer. Antibody was diluted at 1:100(4 degree overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative contrl (right) obtained from antibody was pre-absorbed by immunogen peptide.

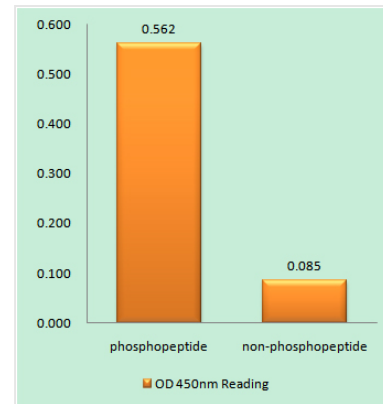
WB (Western Blot)

Western Blot analysis of various cells using Phospho-IRS-1 (S307) Polyclonal Antibody diluted at 1:1000



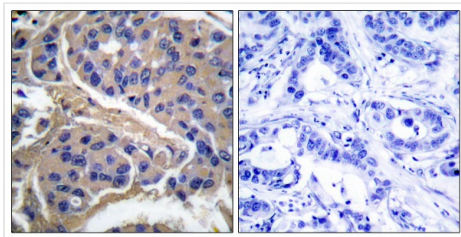
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ELISA

Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using IRS-1 (Phospho-Ser307) Antibody



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human breast cancer, using IRS-1 (Phospho-Ser307) Antibody. The picture on the right is blocked with the IRS-1 (Phospho-Ser307) peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-IRS-1 antibody

This gene encodes a protein which is phosphorylated by insulin receptor tyrosine kinase. Mutations in this gene are associated with type II diabetes and susceptibility to insulin resistance. [provided by RefSeq, Nov 2009]

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

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/irs-1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/318646>