

Rabbit anti-Mouse, Rat IRS1-S307 Polyclonal Antibody | anti-IRS1 antibody

Phospho-IRS1-S307 Polyclonal Antibody

CATALOG # AAA280591	HOST Rabbit	REACTIVITY Mouse, Rat	APPLICATIONS Western Blot
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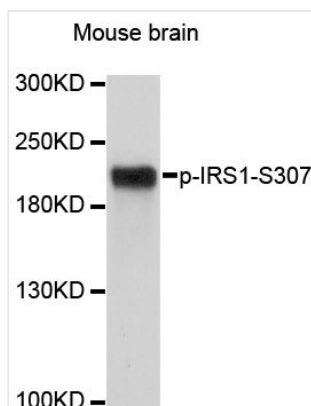
PRODUCT SYNONYMS

IRS1-S307; Polyclonal Antibody; Phospho-IRS1-S307 Polyclonal Antibody; HIRS-1; anti-IRS1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence Length	1242
Applicable Applications for anti-IRS1 antibody	WB (Western Blot)
Immunogen	A phospho specific peptide corresponding to residues surrounding S307 of human IRS1
Calculated MW	131 kDa
Observed MW	200kDa
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH 7.3
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles. Buffer: PBS with 0.09% Sodium azide, 50% glycerol, pH 7.3.

IMAGES



WB (Western Blot)

Western blot analysis of extracts of mouse brain, using Phospho-IRS1-S307 antibody at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit. Exposure time: 1s.

ADDITIONAL INFORMATION

Related Product Information for anti-IRS1 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5031805
NCBI GeneID	3667
NCBI Accession #	NP_005535.1
NCBI GenBank Nucleotide #	NM_005544.2
UniProt Accession #	P35568
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
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/irs1-s307-antibody-western-blot-elisa/280591>