

## Rabbit IRS1 Polyclonal Antibody | anti-IRS1 antibody

Anti-IRS1 (pS794) Phospho Antibody

| CATALOG # | HOST   | REACTIVITY          | APPLICATIONS                                                                |
|-----------|--------|---------------------|-----------------------------------------------------------------------------|
| AAA261305 | Rabbit | Human, Rat, Chicken | Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot |

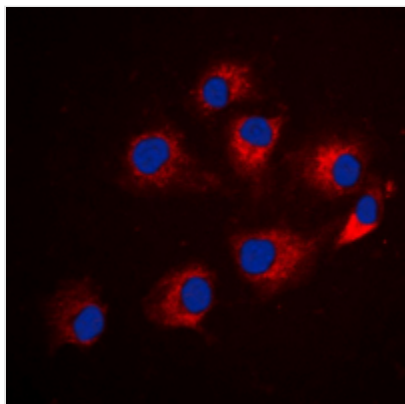
### PRODUCT SYNONYMS

IRS1; Polyclonal Antibody; Anti-IRS1 (pS794) Phospho Antibody; Insulin receptor substrate 1; IRS-1; anti-IRS1 antibody

### PRODUCT SPECIFICATIONS

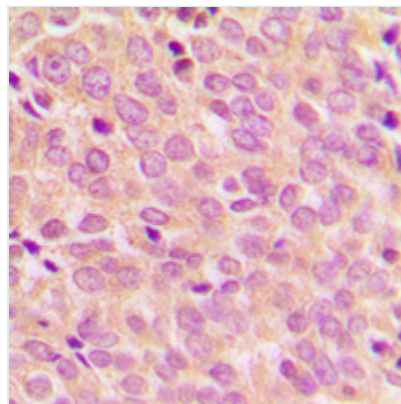
|                                                |                                                                                                                                     |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                              |
| Reactivity                                     | Human, Rat, Chicken                                                                                                                 |
| Clonality                                      | Polyclonal                                                                                                                          |
| Specificity                                    | Recognizes endogenous levels of IRS1 (pS794) protein.                                                                               |
| Purity/Purification                            | The antibody was purified by immunogen affinity chromatography.                                                                     |
| Form/Format                                    | Liquid in 0.42% Potassium Phosphate, 0.87% Sodium Chloride, pH 7.3, 30% Glycerol, and 0.01% Sodium Azide.                           |
| Sequence Length                                | 1242                                                                                                                                |
| Applicable Applications for anti-IRS1 antibody | ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)                                   |
| Immunogen                                      | KLH-conjugated synthetic peptide encompassing a sequence within the center region of human IRS1. The exact sequence is proprietary. |
| Preparation and Storage                        | Shipped and store at 4 degree C for one year. Do not freeze.                                                                        |

### IMAGES



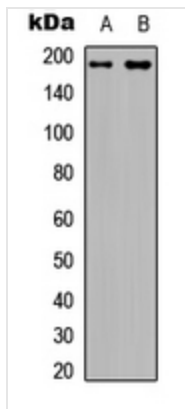
#### IF (Immunofluorescence)

Immunofluorescent analysis of IRS1 (pS794) staining in HEK293T cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a Dylight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of IRS1 (pS794) staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



#### WB (Western Blot)

Western blot analysis of IRS1 (pS794) expression in HEK293T (A), rat muscle (B) whole cell lysates.

### ADDITIONAL INFORMATION

Related Product Information for anti-IRS1 antibody

Rabbit polyclonal antibody to IRS1 (pS794)

### NCBI AND UNIPROT INFORMATION

|                                  |                              |
|----------------------------------|------------------------------|
| NCBI GI #                        | 547738                       |
| NCBI GeneID                      | 3667                         |
| UniProt Accession #              | P35568; P35570               |
| 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 |
| UniProt Protein Name             | Insulin receptor substrate 1 |
| UniProt Gene Name                | <b>IRS1</b>                  |
| 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://www.aaabiotech.com/polyclonal/irs1-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/261305>