

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

IRS4 Polyclonal Antibody

|                               |                       |                            |                                                    |
|-------------------------------|-----------------------|----------------------------|----------------------------------------------------|
| CATALOG #<br><b>AAA176771</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>ELISA, Immunohistochemistry</b> |
|-------------------------------|-----------------------|----------------------------|----------------------------------------------------|

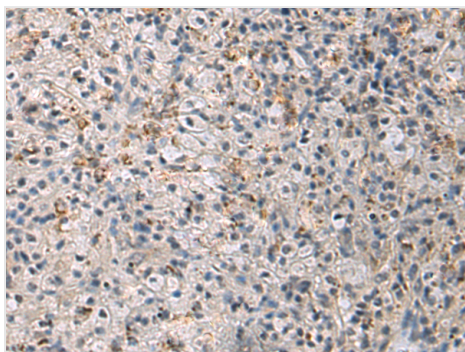
### PRODUCT SYNONYMS

IRS4; Polyclonal Antibody; IRS4 Polyclonal Antibody; 160 kDa phosphotyrosine protein; Insulin receptor substrate 4; IRS 4; PY160; anti-IRS4 antibody

### PRODUCT SPECIFICATIONS

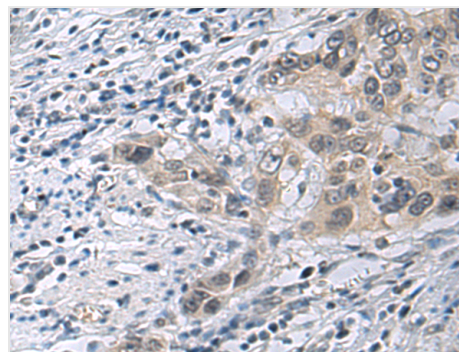
|                                                |                                                         |
|------------------------------------------------|---------------------------------------------------------|
| Host                                           | Rabbit                                                  |
| Reactivity                                     | Human                                                   |
| Clonality                                      | Polyclonal                                              |
| Isotype                                        | IgG                                                     |
| Purity/Purification                            | Antigen Affinity Purification                           |
| Form/Format                                    | PBS with 0.05% NaN <sub>3</sub> and 40% Glycerol, pH7.4 |
| Concentration                                  | 1.02mg/mL (varies by lot)                               |
| Sequence Length                                | 1257                                                    |
| Applicable Applications for anti-IRS4 antibody | ELISA, IHC (Immunohistochemistry)                       |
| Immunogen                                      | Synthetic peptide of human IRS4                         |
| Conjugation                                    | Unconjugated                                            |
| Preparation and Storage                        | Store at -20 degree C. Avoid freeze/thaw cycles.        |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human brain tissue using IRS4 Polyclonal Antibody at dilution of 1:45(×200)



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using IRS4 Polyclonal Antibody at dilution of 1:45(×200)

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                              |
|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-IRS4 antibody | IRS4 encodes the insulin receptor substrate 4, 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 |
| Product Categories/Family for anti-IRS4 antibody   | Cancer; Cardiovascular; Signal transduction                                                                                                                                                                                                                                                                                                                                                  |

NCBI AND UNIPROT INFORMATION

|                                  |                              |
|----------------------------------|------------------------------|
| NCBI GI #                        | 4504733                      |
| NCBI GeneID                      | 8471                         |
| NCBI Accession #                 | NP_003595.1                  |
| NCBI GenBank Nucleotide #        | NP_003595.1                  |
| UniProt Accession #              | O14654                       |
| 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-immunohistochemistry-elisa/176771>