

35-1220: Polyclonal Antibody to IRS-1(Phospho-Ser307)

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| Clonality : | Polyclonal |
| Application : | IHC |
| Reactivity : | Rat,Mouse,Human |
| Gene : | IRS1 |
| Gene ID : | 3667 |
| Uniprot ID : | P35568 |
| Format : | Purified |
| Alternative Name : | HIRS-1 |
| Isotype : | Rabbit IgG |
| Immunogen Information : | Peptide sequence around phosphorylation site of serine 307(T-E-S(p)-I-T) derived from Human IRS-1. |

Description

May mediate the control of various cellular processes by insulin. When phosphorylated by the insulin receptor binds specifically to various cellular proteins containing SH2 domains such as phosphatidylinositol 3-kinase p85 subunit or GRB2. Activates phosphatidylinositol 3-kinase when bound to the regulatory p85 subunit

Product Info

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| Amount : | 50 μ l / 100 μ l |
| Content : | Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Storage condition : | Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles. |

Application Note

Predicted MW: 180kd, Immunohistochemistry: 1:50~1:100

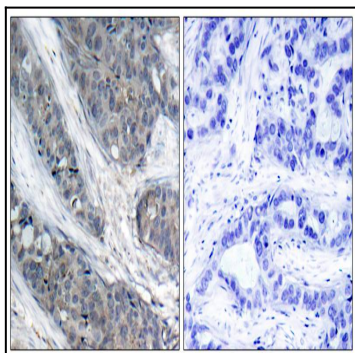


Figure 1: Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue, using IRS-1 (phospho-Ser307) antibody (35-1220).